



University  
of Glasgow

Calendar 2008-09

## GRADUATE STUDIES

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## I APPEALS BY STUDENTS

The Senate is charged by the Universities (Scotland) Acts with a duty to superintend the teaching of the University. This is understood to include examining. The Senate has authorised the establishment of Faculty Appeals Committees to hear appeals in the first instance, as specified in the Code of Procedure for Appeals to a Faculty Appeals Committee.

A student may further appeal from the decision of the Faculty Appeals Committee to the Senate.

Any appeal giving all the grounds of that appeal must be despatched in writing to the Faculty Secretary, or to the Director of the Senate Office, as appropriate, within 10 working days of the intimation to the student of the decision against which he or she is appealing.

Students are advised to consult the Faculty Secretary/Clerk before lodging an appeal to the Faculty Appeals Committee and the Director of the Senate Office, before lodging an appeal to the Senate Appeals Committee.

The Code of Procedure for Appeals to a Faculty Appeals Committee and the Code of Procedure for Appeals to the Senate are set out in that section of the University *Calendar* entitled 'University Fees and General Information for Students', which is available online at [www.glasgow.ac.uk/senate/calendar](http://www.glasgow.ac.uk/senate/calendar) or for reference in Faculty Offices.

## II FEES

Details of the University Fees payable in connection with graduate study can be found in the section of the University *Calendar* entitled *University Fees and General Information for Students*, which is available for consultation in the Registry and Faculty offices and is published at [www.glasgow.ac.uk/senate](http://www.glasgow.ac.uk/senate).

## III RESEARCH STUDENTS

Ordinance 350 (General No 12), which came into force in October 1961, governs the admission of Research Students and the appointment of Research Fellows. The following are the provisions of that Ordinance relevant to the admission of Research Students:

- II. The *Senatus Academicus*, with the approval of the University Court, shall have power to make regulations under which any person who has given satisfactory evidence of his or her fitness to engage in special study or research may be admitted to the University as a Research Student.
- IV. Research Students shall have access to and the use of the University laboratories, libraries and museums, subject to the provisions of any Ordinances and under such other conditions as the University Court, after consultation with the *Senatus Academicus*, may determine.

### Regulations

The following are the Regulations made under Section II above:

1. Applications for admission to the status of Research Student must be made on the prescribed form, which is obtainable from and should be lodged with the Clerk of Senate, together with evidence of the applicant's character, capacity and qualifications.
2. Each application for admission will in the first instance be referred by the *Senatus* to the appropriate Faculty, or to a Committee appointed by the *Senatus*; one member of such Committee being always the Professor or Lecturer within whose department the proposed line of study or research falls. The Faculty or the Committee shall make a report to the *Senatus* upon each application, and shall recommend no applicant who has not satisfied them by examination or otherwise: (a) that his or her proposed line of study or research is a fit and proper one, and that he or she is qualified to prosecute it; (b) that he or she is of good character; and (c) that he or she proposes to prosecute his or her studies or research during a period to be approved by the *Senatus*.
3. Subject to the regulations of the *Senatus*, the Faculty or the Committee shall provide for the supervision of the work of each applicant admitted by the *Senatus* to the status of Research Student, and shall report to the *Senatus* at least once a year as to his or her progress and conduct. The *Senatus* may suspend or exclude from any course any Research Student whose conduct or progress is unsatisfactory.
4. Every Research Student must register each year, paying the ordinary Registration Fee.
5. A Research Student may be required at the discretion of the Head of the Department concerned to report his or her attendance to the supervisor of his or her research, or to the Clerk of Senate, at least once a week in term-time, except during periods when, with the permission of the *Senatus*, he is prosecuting his or her special study or research elsewhere than in the University or in a College affiliated thereto.
6. A Research Student may be required by his or her supervisor to attend as a Private Student classes in the University related to his or her research topic, and may also be required by his or her supervisor to perform the class exercises and take class examinations; but he or she shall not be eligible for prizes in classes so attended and his or her attendance shall not qualify for graduation.
7. All papers arising out of work done in a department shall be submitted before publication to the Head of Department, and in all such papers, when they are published, a due recognition of the University shall be inserted.

#### IV POSTGRADUATE CERTIFICATES AND DIPLOMAS

Postgraduate Certificates and Diplomas may be offered as early exit awards from Masters programmes, and for students who have been admitted to a Masters programme the regulations governing these early exit awards will be those set out in Section VIII below.

The regulations immediately following apply to Certificate and Diploma programmes to which students have been explicitly admitted with such Certificate or Diploma the express object of their participation. Such participation shall not necessarily preclude progress to study for a Masters degree, in which event the appropriate regulations in Sections VII to IX shall apply.

Faculty	Subject of Certificate and/or Diploma	Page
<b>Arts</b>	Aerial Photography with Geophysical Survey in Archaeology .....	5
	Archaeological Studies .....	5
	Battlefield & Conflict Archaeology .....	5
	Computer Forensics & e-Discovery .....	5
	Czech Language .....	5
	Film Journalism (Distance Learning) .....	5
	Gaelic with Scottish Studies .....	5
	Historical Archaeology .....	5
	History .....	5
	Information Management & Preservation .....	5
	Material Culture & Artefact Studies .....	5
	Medieval Archaeology .....	5
	Medieval Scottish Studies .....	5
	Mediterranean Archaeology .....	5
	Polish Language .....	5
	Professional Archaeology .....	5
	Russian Language .....	5
	Scottish Gaelic Literature & Language .....	5
	Scottish Studies .....	5
	Scottish Studies with Gaelic .....	5
Theology & Religious Studies .....	5	
<b>Biomedical &amp; Life Sciences</b>	Biomedical Sciences (Biotechnology) .....	6
	Exercise Science .....	6
	Integrative Mammalian Biology .....	6
	Medical & Veterinary Microbiology .....	6
	Molecular Parasitology .....	6
	Plant Science .....	6
	Proteomic Technologies .....	6
	Systems Biology .....	6
<b>Education</b>	Academic Practice .....	7
	Addictions .....	8
	Adult Literacy & Numeracy .....	5
	Children's Language & Literacy .....	8
	Education with Teaching Qualification .....	8
	Learning and Teaching of Modern Languages in the Primary School .....	8
	Middle Leadership & Management in Schools .....	8
	Physical Education in the Primary School .....	8
	Primary Expressive Arts .....	8
	Primary Science .....	8
	Professional Development in Education .....	5
	Religious Education / Religious & Moral Education .....	7
	Religious Education with Additional Teaching Qualification .....	8
	School Leadership & Management (SQH) .....	7
	Support for Learning .....	7
Theology and Ministry .....	8	
<b>Engineering</b>	Certificates and Diplomas .....	9
<b>Information &amp; Mathematical Sciences</b>	Computing Science .....	6
	Computing Science (Research) .....	6
	Information Retrieval Systems .....	6
	Information Security .....	6
	Information Technology .....	6
	Mathematics .....	6

	Mobile & Ubiquitous Systems .....	6
	Software Engineering .....	6
<b>Law, Business &amp; Social Sciences</b>	Housing Studies .....	6
	Legal Practice .....	10
	Local Economic Development .....	6
	Management: Developing Competence in Managing Drug & Alcohol Services .....	5
	Real Estate .....	5
	Social History .....	6
	Social Science Research .....	6, 10
	Sociological Studies .....	6
	Spatial Planning .....	5
<b>Medicine</b>	Human Nutrition .....	6
	Sports Nutrition .....	6
<b>Physical Sciences</b>	Geoinformation Technology .....	6
	Geoinformation Technology & Cartography .....	6
	Geospatial & Mapping Sciences .....	6
<b>Veterinary Medicine</b>	Veterinary Medicine .....	11
	Veterinary Science .....	11

## V GENERIC REGULATIONS FOR POSTGRADUATE CERTIFICATES AND DIPLOMAS

A student admitted onto a programme leading to an award must follow the instructions issued by the relevant Department or equivalent and be aware of the content of the Programme Document (often referred to as the Programme or 'Course' Handbook) issued by that Department or equivalent which will contain further details on the Programme including, in some cases, further requirements associated with the award.

### 1. Application of Regulations

- 1.1 These regulations apply without modification to the awards listed in §9 below.
- 1.2 These regulations apply also to the awards listed in §10 below subject to alternative requirements described in the relevant Programme Document. The requirements for these awards may vary only in respect of duration of study (§3), requirements for the award (§7) to reflect the requirements of professional or statutory bodies, or progress to a Masters degree (§8).

### 2. Admission

Before being considered for admission to study for an award to which these Regulations apply, a candidate must normally have obtained a degree or equivalent.

### 3. Duration of Study

The minimum period of study for the award of a Certificate or Diploma is one semester and one academic session respectively. The maximum period for full-time study is 12 calendar months of registered study. The maximum period within which all students must complete the programme is two years from the date of initial registration.

### 4. Programme Components

- 4.1 In order to qualify for an award in respect of the programmes specified in §9 - §10 below, a candidate must complete minimum credits<sup>1</sup> as follows:
  - (a) For the award of a Postgraduate Diploma: 120 credits of taught courses.
  - (b) For the award of a Postgraduate Certificate: 60 credits of taught courses.
- 4.2 The taught courses will normally be undertaken during the academic session (September - June) and are specified in the relevant Programme Document.

### 5. Minimum Requirement for the Award of Credits

Credits for courses contributing to a candidate's curriculum shall be awarded subject to the fulfilment of required conditions. The minimum requirements for the award of credits are set out in the Code of Assessment at §16.36 - §16.40 of the chapter *University Fees and General Information for Students* in the University Calendar.

<sup>1</sup> In compliance with the Scottish Credit and Qualification Framework a minimum component of the total credit must be gained from **Masters level** courses (Level M/SCQF Level 11) as follows: 90 credits for a Postgraduate Diploma, 40 credits for a Postgraduate Certificate.

## 6. Assessment

Regulations for assessment are, insofar as not modified by these regulations, governed by the Code of Assessment which is contained in the *University Fees and General Information for Students* chapter of the *Calendar*.

## 7. Requirements for the award of a Postgraduate Diploma or Postgraduate Certificate and Rules for Award of Distinction and Merit

- 7.1 The requirement for the award of a Postgraduate Diploma is an average of Grade D in 120 credits, with not less than 80 of these credits at Grade D or above.
- 7.2 The requirement for the award of a Postgraduate Certificate is an average of Grade D in 60 credits, with not less than 40 of these credits at Grade D or above.
- 7.3 A candidate who has achieved Grade C or better in all components and Grade B or above in at least one third of the total credits of the award at the first sitting will be eligible for the award with Merit.
- 7.4 A candidate who has achieved Grade B or better in all components and Grade A in at least one third of the total credits of the award at the first sitting will be eligible for the award with Distinction.

## 8. Progress to a Masters Degree

A candidate may be permitted to progress to study for a masters degree if a masters programme in the same subject is available and only if the candidate has obtained an average of Grade C in the taught courses described in §4 with no more than 25% of the credits for these courses at grade E and none below grade E. The Programme Document may specify a course or courses in respect of which grade D is a minimum requirement of progression.

## 9. Awards to which these Regulations Apply

The following awards are governed by the above regulations:

### Faculty of Arts

- Certificate in Film Journalism (Distance Learning)
- Certificate in Information Management & Preservation
- Diploma in Aerial Photography with Geophysical Survey in Archaeology
- Diploma in Archaeological Studies
- Diploma in Battlefield & Conflict Archaeology
- Diploma in Computer Forensics & e-Discovery
- Diploma in Czech Language
- Diploma in Gaelic with Scottish Studies
- Diploma in Historical Archaeology
- Diploma in History
- Diploma in Information Management & Preservation
- Diploma in Material Culture & Artefact Studies
- Diploma in Medieval Archaeology
- Diploma in Medieval Scottish Studies
- Diploma in Mediterranean Archaeology
- Diploma in Polish Language
- Diploma in Professional Archaeology
- Diploma in Russian Language
- Diploma in Scottish Gaelic Literature & Language
- Diploma in Scottish Studies
- Diploma in Scottish Studies with Gaelic
- Diploma in Theology & Religious Studies

### Faculty of Education

- Certificate in Adult Literacy & Numeracy
- Certificate in Professional Development in Education

### Faculty of Law, Business & Social Sciences

- Certificate in Management: Developing Competence in Managing Drug & Alcohol Services
- Certificate in Real Estate
- Certificate in Spatial Planning

Diploma in Social History  
Diploma in Sociological Studies

#### 10. Awards which Include Variations to Clauses 3, 7 and 8 above

The following awards are governed substantially by the above regulations. The requirements for these awards may vary in respect of duration of study (§3), requirements for the award (§7), or progress to a Masters degree (§8) and such variation will be described in the Programme Document.

##### Faculty of Biomedical & Life Sciences

Certificate in Biomedical Sciences (Biotechnology)  
Certificate in Medical & Veterinary Microbiology  
Certificate in Molecular Parasitology  
Diploma in Biomedical Sciences (Biotechnology)  
Diploma in Exercise Science  
Diploma in Integrative Mammalian Biology  
Diploma in Medical & Veterinary Microbiology  
Diploma in Molecular Parasitology  
Diploma in Plant Science  
Diploma in Proteomic Technologies  
Diploma in Systems Biology

##### Faculty of Information & Mathematical Sciences

Certificate in Computing Science  
Certificate in Information Technology  
Diploma in Computing Science  
Diploma in Computing Science (Research)  
Diploma in Information Retrieval Systems  
Diploma in Information Security  
Diploma in Information Technology  
Diploma in Mathematics  
Diploma in Mobile & Ubiquitous Systems  
Diploma in Software Engineering

##### Faculty of Law, Business & Social Sciences

Diploma in Housing Studies: Development & Regeneration<sup>2</sup>  
Diploma in Housing Studies: Policy & Analysis<sup>3</sup>  
Diploma in Housing Studies: Services & Delivery<sup>4</sup>  
Diploma in Local Economic Development  
Diploma in Social Science Research

##### Faculty of Medicine

Certificate in Sports Nutrition  
Diploma in Human Nutrition

##### Faculty of Physical Sciences

Certificate in Geoinformation Technology  
Certificate in Geospatial & Mapping Sciences  
Diploma in Geoinformation Technology & Cartography  
Diploma in Geospatial & Mapping Sciences

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<sup>2</sup> Subject to Senate approval

<sup>3</sup> Subject to Senate approval

<sup>4</sup> Subject to Senate approval

## VI REGULATIONS FOR POSTGRADUATE CERTIFICATES AND DIPLOMAS : NON- GENERIC REGULATIONS

### POSTGRADUATE CERTIFICATE IN ACADEMIC PRACTICE<sup>5</sup>

1. The Postgraduate Certificate in Academic Practice shall be offered by the University of Glasgow in the Learning and Teaching Centre (LTC).
2. Candidates for admission shall normally be probationary academic members of staff of the University of Glasgow who are required by Senate to complete the New Lecturer and Teacher Programme, which results in this Certificate, as part of their probation. Other candidates who have teaching related responsibilities in Higher Education, will be considered for entry. Preference will be given to applicants from the University of Glasgow who are probationary academic members of staff.
3. The curriculum for the Certificate will extend over a minimum of 2 calendar years of part-time study and will comprise the following modules:
  - Academic Practice in Higher Education
  - Developing a Portfolio of Academic Practice.
 Each module will be valued at 30 Scottish Masters Level credits.
4. In order to qualify for the award of the Certificate a candidate must participate in all units of the taught module 'Academic Practice in Higher Education', and must successfully complete the module 'Developing a Portfolio of Academic Practice'.  
The Board of Examiners shall not normally permit a candidate to resubmit an unsuccessful Portfolio more than once.  
Any appeal in relation to the Postgraduate Certificate in Academic Practice shall be dealt with under the Appeals procedures of the Faculty of Education.
5. Exemptions from the requirement to complete the New Lecturer and Teacher Programme (which leads to the award of the Certificate in Academic Practice) are outlined in the Human Resources documents *New Lecturer/Teacher Development Procedures* and the *New Lecturer/Teacher Development Procedures - Management Notes, viz:*  
*Recommendations for exemption or part exemption from the LTC New Lecturer and Teacher Programme, supported by an appropriate portfolio, should be made by the Head of Department to the Director of the Academic Development Unit within the LTC. Such requests are normally approved where a new lecturer/teacher has the equivalent of three years full time higher education teaching experience and/or has completed the equivalent of the New Lecturer/Teacher Development Programme at another institution or has Registered Practitioner Status with the Higher Education Academy.*
6. Candidates for whom the programme is not a requirement of probation may apply for credit for not more than the module *Academic Practice in Higher Education* (30 Scottish Masters Level credits) on the basis of previous experience or qualification(s) held. A candidate must submit the appropriate documentation as evidence to substantiate this claim.

### POSTGRADUATE CERTIFICATES AND DIPLOMAS IN EDUCATION

1. Postgraduate Certificates and Diplomas in Education may be awarded by the University of Glasgow in the Faculty of Education.
2. Candidates for Certificate or Diploma programmes shall normally:
  - (a) hold a degree or equivalent qualification
  - (b) have an initial teaching qualification and have or be eligible for full registration with the General Teaching Council or be practitioners in a related field with at least five years experience.
 Appropriate work experience may also be a requirement for admission to certain courses and a selection interview may be required.
3. For a Certificate, normally the minimum period of part-time study is one year and the maximum period of part-time study is four years. For a Diploma, normally the minimum period of part-time study is two years and the maximum period of part-time study is four years.  
Postgraduate Certificates and Diplomas are offered in the following:
  - Religious Education / Religious & Moral Education
  - School Leadership & Management (SQH)
  - Support for Learning

<sup>5</sup> The GTA module: Approaches to Teaching, Learning & Assessment which was delivered on the former programme will still be available for study see:

[www.glasgow.ac.uk/services/learningteaching/taughtcourses/gtamoduleapproachestoteachinglearningandassessment](http://www.glasgow.ac.uk/services/learningteaching/taughtcourses/gtamoduleapproachestoteachinglearningandassessment)

Postgraduate Certificates are offered in the following:

- Addictions
- Children's Language & Literacy
- Learning and Teaching of Modern Languages in the Primary School
- Middle Leadership & Management in Schools
- Physical Education in the Primary School
- Primary Expressive Arts
- Primary Science
- Religious Education with Additional Teaching Qualification.
- Theology and Ministry

4. The list of qualifying courses for each Certificate and Diploma is available from the relevant department. Core courses are compulsory. Some optional courses may not be available every session. Successful completion of three courses, or equivalent, (60 credits at M level) is required for the award of a Certificate. Successful completion of six courses or equivalent, (120 credits at M level) is required for the award of a Diploma.
5. All courses operate within the SCQF framework at postgraduate or M level for the purposes of credit accumulation or transfer. Final decisions regarding credit transfer requests reside with the Higher Degrees Committee.
6. Within the terms of the SCQF framework, candidates may apply for accreditation of prior learning (APL). The regulations governing such applications are set out in the document Accreditation of Prior Learning at Postgraduate M Level. No more than 30 credits of APL will be recognised for a postgraduate Certificate and no more than 60 credits will be recognised for a postgraduate Diploma. The procedure for submitting an APL claim may be initiated through the relevant course leader.
7. A variety of modes of assessment may be used. Students who fail to satisfy the examiners are permitted to resubmit assessments or resit examinations on one occasion only.
8. At the discretion of the Board of Examiners, candidates who fail to satisfy the requirements for a Diploma may be awarded a Certificate.

## POSTGRADUATE DIPLOMA IN EDUCATION WITH TEACHING QUALIFICATION

The Postgraduate Diploma in Education with Teaching Qualification may be awarded in Primary Education or in Secondary Education in a designated subject or subjects.

### Regulations

A student admitted onto the programme leading to this award must follow the instructions issued by the Faculty of Education and be aware of the content of the Programme Document (often referred to as the Programme or 'Course' Handbook) issued by the Faculty which may contain further details on the Programme including further requirements associated with the award.

#### 1. Admission

- 1.1 Before being considered for admission to study for this award, a candidate must have obtained a degree or equivalent, and a pass in English at SCE Higher Grade or an equivalent award in English.
- 1.2 Each candidate for the award and for the associated Teaching Qualification in Primary Education must have attained additionally a credit level in Mathematics at SCE Standard Grade, or equivalent.
- 1.3 Each candidate for the award and for the associated Teaching Qualification in Secondary Education must have attained additionally passes in Teaching Subject Qualifying Courses as prescribed in the Scottish Government Education Department's current Memorandum on Entry Requirements to Courses of Teacher Training in Scotland.

#### 2. Duration of Study

The minimum period of study for the award is one academic session. The maximum period within which a candidate must complete the programme is two years from the date of initial registration.

#### 3. Programme Components

Each candidate shall follow prescribed taught courses appropriate to the designation of the award sought by him or her, and will normally spend not less than 18 weeks in school placement. A candidate who wishes to augment the award with the Catholic Teacher's Certificate will be required also to complete a component in Religious Education (Non-Specialist).

#### 4. Minimum Requirement for the Award of Credits

Credits for courses contributing to a candidate's curriculum shall be awarded subject to the fulfilment of required conditions. The minimum requirements for the award of credits are set out in the Code of Assessment at §16.36 - §16.40 of the chapter *University Fees and General Information for Students* in the University Calendar.

#### 5. Assessment

- 5.1 Regulations for assessment are, insofar as not modified by these regulations, governed by the Code of Assessment which is contained in the *University Fees and General Information for Students* chapter of the University Calendar.
- 5.2 Assessment of each candidate's performance in school placement shall be the joint responsibility of the host school and the Faculty of Education represented by the candidate's tutor. School and tutor assessments of each candidate's performance in teaching shall be combined through discussion to achieve an overall assessment informed by professional judgement.

#### 6. Professional Conduct and Fitness to Practise

The Faculty of Education has a Code of Professional Conduct and Fitness to Practise to which each candidate must register assent on entry to the programme. Any student refusing to be bound by the terms of that Code will not be permitted to progress. A reported breach of the Code or other matter relating to a candidate's fitness to practise will be dealt with in accordance with the regulations set out in §34 of the chapter *University Fees and General Information for Students* in the University Calendar. Exceptionally, a candidate may be required to discontinue a school placement or be prevented from starting any further placement if, on the balance of evidence, it is considered that continuing with the placement would be detrimental to pupils in the school. In these circumstances, the candidate will be referred to the Progress Committee or the Fitness to Practise Committee as appropriate.

#### 7. Requirements for the award of the Diploma and Teaching Qualification

In order to qualify for the award a candidate must satisfy the examiners in all assessed elements of the programme, these delivering 90 credits at SCQF Level 11 and 30 credits at SCQF Level 10. The Diploma may be awarded with Merit or Distinction. Subject to the requirements of the General Teaching Council for Scotland, the Faculty will also award to each candidate who has satisfied the requirements of the programme a teaching qualification in Primary Education or in a stated subject or subjects in Secondary Education as appropriate.

#### 8. Progress to a Masters Degree

A candidate who has successfully completed the programme may be permitted to progress to study for a masters degree in Education in accordance with the regulations governing such further awards.

### POSTGRADUATE CERTIFICATES AND DIPLOMAS IN ENGINEERING

#### General Regulations

With the exception of those programmes described in Section IX, all Postgraduate Diplomas and Certificates awarded by the University of Glasgow in the Faculty of Engineering are subject to the regulations detailed in the University of Glasgow Calendar under Section VIII - Generic Regulations For Taught Masters Degrees - clauses 4, 5, 6, 8, 9 and 10.

All Postgraduate Diplomas and Certificates in the Faculty of Engineering are available as exit awards to all Faculty of Engineering Taught Masters Degrees listed in the University of Glasgow Calendar under Section VIII - Generic Regulations For Taught Masters Degrees - clause 11. The supplementary regulations below refer to the only "stand-alone" Diplomas normally available.

#### Supplementary Regulations

##### Postgraduate Diploma in Aeronautical Engineering

1. Entry into the Postgraduate Diploma in Aeronautical Engineering will normally only be considered for students with BEng (Honours) degrees and only then if they can show that they have taken courses (or gained experience) providing appropriate background for the proposed courses of study.
2. The period of study for each Postgraduate Diploma shall be prescribed by the Faculty of Engineering and shall not be less than one academic year of full-time study or two academic years of part-time study. A candidate must be a registered student of the University during each year of study and shall pay the appropriate fee.
3. In this programme the student takes the 5th year syllabus of the MEng(Hons) in Aeronautical Engineering including all appropriate laboratory and design classes. Details of courses may be found in the Aerospace Engineering Handbook.

### Postgraduate Diploma in Civil Engineering and Related Subjects<sup>6</sup>

1. The Universities of Glasgow and Heriot-Watt offer joint Diploma programmes in Geotechnical Engineering and Water Resources Engineering Management. These programmes are administered by a Joint Board of Studies in Civil Engineering which will, subject to the approval of the Senates of both Universities where appropriate, be responsible for the content of programmes, admission of candidates, approval of candidates' curricula, conduct of examinations, award of the Diploma, and related matters. The Board of Studies shall have a Director.
2. All candidates must, before admission, have obtained a degree in Civil Engineering (or a cognate discipline) from a recognised University, or be chartered engineers with at least five years' industrial experience, or exceptionally possess another qualification accepted by the Board of Studies as suitable for admission.

### POSTGRADUATE CERTIFICATES AND DIPLOMAS IN THE FACULTY OF LAW, BUSINESS & SOCIAL SCIENCES - DIPLOMA IN LEGAL PRACTICE

The Regulations for the Diploma in Legal Practice are set out in the 'Faculty of Law, Business & Social Sciences' section of the University *Calendar*.

### POSTGRADUATE CERTIFICATES AND DIPLOMAS IN THE FACULTY OF LAW, BUSINESS & SOCIAL SCIENCES - POSTGRADUATE CERTIFICATES BY RESEARCH

#### Regulations

A student admitted to a programme leading to an award must follow the instructions issued by the Department or equivalent and be aware of the content of the Programme Document (often referred to as the 'Programme Handbook' or 'Course Handbook') issued by the Department which will contain further details on the Programme including, in some cases, further requirements associated with the award.

#### 1. Application of the Regulations

These regulations apply without modification to the Certificate(s) listed in §7 below.

#### 2. Admission

Applicants should normally hold at least a second class honours degree of a recognised university or hold an equivalent qualification. Candidates of particular merit and with appropriate practical experience in a relevant field of employment who do not hold such a qualification may also be admitted on the recommendation of the Programme Director.

#### 3. Duration of Study

Each candidate shall pursue research on a part-time basis for a minimum period of 18 months. The maximum period within which each student must complete the Programme is three years from the date of initial registration.

#### 4. Supervision

The Faculty shall designate for each candidate a supervisor who shall report on his or her progress to the Faculty at least once in each academic year.

#### 5. Programme Components

In order to qualify for the award of the Certificate, each candidate must complete a work-based Case Study Project culminating in the presentation of a dissertation with a value of 60 credits. Each candidate shall also be required to participate in supporting core and elective workshops.

##### 5.1 Dissertation

Each candidate must submit a dissertation which must be in English and shall be a minimum of 10,000 and a maximum of 12,000 words in length. The dissertation must be accompanied by the candidate's declaration that he or she has carried out the research reported, and that the dissertation has been composed by the candidate and has not been accepted for any other degree or professional qualification. The layout and binding of the dissertation should generally conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990), an abstract of which is available in the University Library or from the Faculty Secretary (Academic).

#### 6. Assessment

The Examiners for the Certificate shall be such professors and lecturers in the University as the Senate shall designate, and such additional Examiners as the University Court, on the recommendation of the Senate, shall appoint.

In the event of the Examiners concluding that the dissertation has not achieved the standard required for the award of the Certificate, they may recommend to the Higher Degrees Committee that the candidate be permitted to revise the dissertation and resubmit it on one occasion only and under such conditions as the Examiners may prescribe.

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<sup>6</sup> Run jointly with Heriot-Watt University

**7. Certificate to which these Regulations apply**

The following award is covered by these Regulations:

Management Development for Glasgow Housing Association

**DIPLOMA IN VETERINARY MEDICINE****General Regulations**

1. Candidates for the Diploma must have obtained a Degree in Veterinary Medicine and Surgery in a Scottish University or a comparable Degree in Veterinary Science in another University or College recognised for the purpose by the University Court on the recommendation of the *Senatus*.
2. The period of study for the Diploma shall be prescribed by the Faculty and shall not be less than one academical year of full-time study or two academical years of part-time study. Candidates must be registered students of the University during each year of study and shall pay the appropriate fee.
3. The course of study shall consist of such courses of instruction and individual work as the Faculty may prescribe.
4. On the completion of a candidate's course of study his work shall be tested by such examination as may be prescribed.  
  
One of the Examiners shall be an External Examiner appointed by the University Court on the recommendation of the *Senatus*.
5. If a candidate's work thus tested is reported by the Examiners to the *Senatus* as satisfactory, he shall be entitled to receive the Diploma in Veterinary Medicine. The Diploma may be awarded with distinction.

**DIPLOMA IN VETERINARY SCIENCE****General Regulations**

1. Candidates for the Diploma must be graduates of a Scottish University or of another University approved by the *Senatus* or possess such other qualifications as the *Senatus* may recognise as satisfactory in any given case.
2. The period of study for the Diploma shall be prescribed by the Faculty and shall not be less than one academical year of full-time study or two academical years of part-time study. Candidates must be registered students of the University during each year of study and shall pay the appropriate fee.
3. The course of study shall consist of such course of instruction and individual work as the Faculty may prescribe.
4. On the completion of a candidate's course of study his work shall be tested by such examination as may be prescribed.  
  
One of the Examiners shall be an External Examiner appointed by the University Court on the recommendation of the *Senatus*.
5. If a candidate's work thus tested is reported by the Examiners to the *Senatus* as satisfactory, he shall be entitled to receive the Diploma in Veterinary Science. The Diploma may be awarded with distinction.

## VII MASTERS DEGREES

The University awards the following masters degrees. These degrees may be awarded jointly with other institutions where the Senate has approved an agreement to this effect. Where such an agreement exists, the degree titles of the partner institution may be used for the award of joint degrees with the University of Glasgow.

<b>Faculty</b>	<b>Degree</b>	<b>Page</b>	
<b>Arts</b>	Master of Fine Arts (MFA)	22	
	Master of Letters (MLitt)	14, 25, 28	
	Master of Music (MMus)	28	
	Master of Philosophy (MPhil)	30	
	Master of Science (MSc)	13, 36	
	Master of Theology (MTh)	13, 58	
<b>Biomedical &amp; Life Sciences</b>	Master of Research (MRes)	34	
	Master of Science (MSc)	36	
<b>Education</b>	Masters in Art, Design & Architecture in Education <i>See Glasgow School of Art section of the Calendar</i>		
	Master of Education (MEd)	13	
	Master of Letters (MLitt)	13, 25	
	Master of Philosophy (MPhil)	30	
	Master of Research (MRes)	13, 34	
	Master of Science (MSc)	13, 36	
<b>Engineering</b>	Master of Science (MSc)	13, 36	
	Master of Science in Marine Technology	41	
	Master of Science in System Level Integration	52	
<b>Information &amp; Mathematical Sciences</b>	Master of Research (MRes)	13, 34	
	Master of Science (MSc)	13, 36	
<b>Law, Business &amp; Social Sciences</b>	International Masters in Russian, Central & East European Studies (IM)	20	
	Master of Accountancy (MAcc)	13	
	Master of Business Administration (MBA)	13	
	Master of Chinese Studies (MChin)	21	
	Master of Community Care (MCC)	22	
	Master of Finance (MFin)	13	
	Master of Laws (LLM)	13, 23	
	Master of Letters (MLitt)	25	
	Master of Medical Law (MML)	13	
	Master of Medical Law and Ethics (MMLE)	13	
	Master of Philosophy (MPhil)	30	
	Master of Research (MRes)	13, 34	
	Master of Science (MSc)	13, 36	
	Master of Science in Clinical Leadership (MSc)	39	
	Master of Science in Criminal Justice (MSc)	41	
	Master of Science in Strategic Human Resource Management & Organisational Change	51	
	Master of Science in Supply Chain Management	52	
	Master of Social Work (MSW)	58	
	<b>Medicine</b>	Master of Primary Care (MPC)	13
		Master of Public Health (MPH)	13
Master of Research (MRes)		34	
Master of Science (Clinical Science) (MSc)		13, 36	
Master of Science (Dental Science) (MSc)		13, 36	
Master of Science (Medical Science) (MSc)		13, 36	
Master of Science (Medicine & Science in Sport and Exercise) (MSc)		51	
<b>Physical Sciences</b>	Master of Research (MRes)	13, 34	
	Master of Science (MSc)	13, 36	
	Master of Science in Environmental Science	41	
<b>Veterinary Medicine</b>	Master of Research (MRes)	34	
	Master of Science (Veterinary Science) (MSc)	36	
	Master of Veterinary Medicine (MVM)	60	
	Master of Veterinary Public Health (MVPH)	13	

The regulations governing these degrees are printed following. In addition the University awards the following degrees, the regulations for which are published in the section of the *Calendar* indicated:

**Glasgow School of Art**

Master of Animation (MAnim)  
 Master of Architecture (MArch)  
 Masters in Art, Design and Architecture in Education (with Faculty of Education)  
 Master of Design (Design Practice: (Textiles as Fashion))  
 Master of Fine Art (MFA)  
 Master of Research in Creative Practices  
 Master in Sound for the Moving Image

**VIII GENERIC REGULATIONS FOR TAUGHT MASTERS DEGREES****Resolution**

The Masters degrees listed in §11 and §12 below are governed by Resolution No. 552 of the University Court which came into effect on 1 October 2005 with provision that:

1. The Masters Degrees listed in clauses 11 and 12 of the section entitled 'Regulations' below may be awarded by the University of Glasgow in the Faculties with which these Degrees are identified in these Regulations. Degrees listed in these clauses under the title 'Scottish Agricultural College' may be awarded by the University on the recommendation of that College.
2. The Senate may make Regulations, which are subject to the approval of the University Court, governing the award of these degrees - these are stated in clauses 1 to 10 of the section entitled 'Regulations'.
3. The awards of Postgraduate Diploma and Postgraduate Certificate are also included in the Regulations.

**Regulations**

A student admitted onto a programme leading to an award must follow the instructions issued by the relevant Department or equivalent and be aware of the content of the Programme Document (often referred to as the Programme or 'Course' Handbook) issued by that Department or equivalent which will contain further details on the Programme including, in some cases, further requirements associated with the award.

**1. Application of Regulations**

- 1.1 These regulations apply without modification to the degrees listed in §11 below.
- 1.2 These regulations apply also to the degrees listed in §12 below subject to alternative requirements described in the relevant Programme Document. The requirements for these degrees may vary only in respect of duration of study (§3) or progress (§7) to reflect the requirements of professional or statutory bodies.

**2. Admission**

Before being considered for admission to study for an award to which these Regulations apply, a candidate must normally have obtained a degree or equivalent.

**3. Duration of Study**

The minimum period of study for the award of a Masters degree is 12 calendar months. The maximum period for full-time study is 24 calendar months of registered study. The maximum period within which all students must complete the programme is five years from the date of initial registration.

**4. Programme Components**

- 4.1 In order to qualify for an award in respect of the programmes specified in §11 and §12, a candidate must complete minimum credits<sup>7</sup> as follows:
  - (i) For the award of a Masters degree: 180 credits, which includes both taught courses and a 60 credit (or more) dissertation or other substantial independent work.
  - (ii) For the award of a Postgraduate Diploma: 120 credits of taught courses.
  - (iii) For the award of a Postgraduate Certificate: 60 credits of taught courses.
- 4.2 The taught courses will normally be undertaken during the academic session (September – June) and are specified in the relevant Programme Document. The length and nature of the dissertation or other substantial independent work is as specified in the relevant Programme Document.

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<sup>7</sup> In compliance with the Scottish Credit and Qualification Framework a minimum component of the total credit must be gained from **Masters level** courses (Level M/SCQF Level 11) as follows: 150 credits for a Masters Degree, 90 credits for a Postgraduate Diploma, 40 credits for a Postgraduate Certificate.

## 5. Minimum Requirement for the Award of Credits

Credits for courses contributing to a candidate's curriculum shall be awarded subject to the fulfilment of required conditions. The minimum requirements for the award of credits are set out in the Code of Assessment at §16.36 – §16.40 of the chapter *University Fees and General Information for Students* in the University Calendar.

## 6. Assessment

Regulations for assessment are, insofar as not modified by these regulations, governed by the Code of Assessment which is contained in the *University Fees and General Information for Students* chapter of the *Calendar*.

## 7. Candidates for a Masters Degree: Progress

- 7.1 A candidate will be permitted to progress to preparation of the dissertation, or other substantial independent work required by the degree, only if he or she has obtained an average of Grade C in the taught courses described in Regulation 4 with no more than 25% of the credits for these courses at grade E and none below grade E.<sup>8</sup> The Programme Document may specify a course or courses in respect of which grade D is a minimum requirement of progression.
- 7.2 A candidate who has commenced study midway through an academic session will be permitted to progress to preparation of the dissertation, or other substantial independent work, only if he or she has obtained an average of Grade C in the taught courses assessed by the end of the session in which study was commenced with no more than 25% of the credits for these courses at grade E and none below grade E. The Programme Document may specify a course or courses in respect of which grade D is a minimum requirement of progression.

## 8. Reassessment of the Dissertation

Reassessment of the dissertation or other substantial independent work will be permitted on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 3 months after the date of the meeting of the Board of Examiners. There is no automatic entitlement to repeat any previous practical work associated with the dissertation or substantial independent work or to undertake further practical work.

## 9. Requirements for the award of a Masters degree and rules for award of distinction and merit

- 9.1 A candidate will be eligible for the award of the degree on obtaining an average of Grade C or better (with no more than 25% of credit at Grade E and none below grade E) in all the taught courses within the programme, as specified in Regulation 4, and obtaining a grade D or better in the dissertation or other substantial independent work.
- 9.2 A candidate who has achieved Grade C or better in all components and Grade B or above in at least one third of the total credits of the award at the first sitting will be eligible for the award with Merit.
- 9.3 A candidate who has achieved Grade B or better in all components and Grade A in at least one third of the total credits of the award at the first sitting will be eligible for the award with Distinction.

## 10. Requirements for the award of a Postgraduate Diploma or Postgraduate Certificate and rules for award of distinction and merit

- 10.1 The requirement for the award of a Postgraduate Diploma is an average of Grade D in 120 credits, with not less than 80 of these credits at Grade D or above.
- 10.2 The requirement for the award of a Postgraduate Certificate is an average of Grade D in 60 credits, with not less than 40 of these credits at Grade D or above.
- 10.3 These awards may be granted with Merit or Distinction according to the criteria specified in §9.2 and §9.3 above.

## 11. Degrees<sup>9</sup> to which these regulations apply

The following degrees are governed by the above regulations:

### Faculty of Arts

Master of Letters (MLitt) 19<sup>th</sup> Century Art, Architecture & Design

Master of Letters (MLitt) Aerial Photography with Geophysical Survey in Archaeology

<sup>8</sup> Average grades are determined with reference to the schedule of grades and aggregation scores contained in the University's Code of Assessment. The average is calculated as the arithmetic mean of individual course scores, adjusted to reflect relative weights attributed to the scores being combined. These weights will correspond to the weights (if any) published in programme documentation but otherwise will be determined by the distribution of course credits within the programme.

<sup>9</sup> Each of these degree programmes also offer awards of Postgraduate Diploma and Postgraduate Certificate with the same title (see Regulation 10 above).

Master of Letters (MLitt) American Studies  
 Master of Letters (MLitt) Ancient Drama  
 Master of Letters (MLitt) Archaeological Studies  
 Master of Letters (MLitt) Art: Politics: Transgression: 20<sup>th</sup> Century Avant-Gardes  
 Master of Letters (MLitt) Battlefield & Conflict Archaeology  
 Master of Letters (MLitt) Biblical Studies  
 Master of Letters (MLitt) Celtic Studies  
 Master of Letters (MLitt) Classical Archaeology & Ancient History  
 Master of Letters (MLitt) Classics  
 Master of Letters (MLitt) Colonial & Postcolonial Studies  
 Master of Letters (MLitt) Contemporary Performance Practice  
 Master of Letters (MLitt) Creative Writing  
 Master of Letters (MLitt) Creative Writing (Distance Learning)  
 Master of Letters (MLitt) Decorative Arts & Design History  
 Master of Letters (MLitt) Dramaturgy & Playwriting  
 Master of Letters (MLitt) English Language & English Linguistics  
 Master of Letters (MLitt) Enlightenment, Romanticism & Nation  
 Master of Letters (MLitt) European Cinema  
 Master of Letters (MLitt) Film Journalism  
 Master of Letters (MLitt) Film & Television Studies  
 Master of Letters (MLitt) Gaelic with Scottish Studies  
 Master of Letters (MLitt) Historical Archaeology  
 Master of Letters (MLitt) History  
 Master of Letters (MLitt) History (with an emphasis on the History of Medicine)  
 Master of Letters (MLitt) History & Computing  
 Master of Letters (MLitt) History & Computing (with an emphasis on the History of Medicine)  
 Master of Letters (MLitt) History of Collecting & Collections  
 Master of Letters (MLitt) Inter-Faith Studies  
 Master of Letters (MLitt) Islamic Studies  
 Master of Letters (MLitt) Litreachas is cànan nan Gàidheal (Scottish Gaelic Literature & Language)  
 Master of Letters (MLitt) Managing Health & Wellbeing  
 Master of Letters (MLitt) Material Culture & Artefact Studies  
 Master of Letters (MLitt) Medieval Archaeology  
 Master of Letters (MLitt) Medieval & Renaissance Studies  
 Master of Letters (MLitt) Medieval Scottish Studies  
 Master of Letters (MLitt) Mediterranean Archaeology  
 Master of Letters (MLitt) Metaphysics & Moral Philosophy  
 Master of Letters (MLitt) Metaphysics & Philosophy of Language  
 Master of Letters (MLitt) Metaphysics & Philosophy of Mind  
 Master of Letters (MLitt) Modernities  
 Master of Letters (MLitt) Moral Philosophy & Philosophy of Mind  
 Master of Letters (MLitt) Moral Philosophy & Political Philosophy  
 Master of Letters (MLitt) Philosophy (Conversion Programme)  
 Master of Letters (MLitt) Philosophy  
 Master of Letters (MLitt) Philosophy of Language & Moral Philosophy  
 Master of Letters (MLitt) Philosophy of Language & Philosophy of Mind  
 Master of Letters (MLitt) Popular Music Studies  
 Master of Letters (MLitt) Popular Music Studies (Creative Practice)  
 Master of Letters (MLitt) Popular Music Industries (Music Industries)  
 Master of Letters (MLitt) Professional Archaeology  
 Master of Letters (MLitt) Reading European Cultures (*suspended for 2008-09*)  
 Master of Letters (MLitt) Receptions of Classical Antiquity  
 Master of Letters (MLitt) Scottish Cultural Heritage  
 Master of Letters (MLitt) Scottish Folklore<sup>10</sup>  
 Master of Letters (MLitt) Scottish Studies

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<sup>10</sup> Subject to Senate approval

Master of Letters (MLitt) Scottish Studies with Gaelic  
 Master of Letters (MLitt) Tourism, Heritage & Development  
 Master of Letters (MLitt) Translation Studies in Scotland  
 Master of Letters (MLitt) Victorian Literature  
 Master of Letters (MLitt) War Studies  
 Master of Letters (MLitt) Writing  
 Master of Science (MSc) Carbon Management  
 Master of Science (MSc) Computer Forensics & E-Discovery  
 Master of Science (MSc) Information Management & Preservation  
 Master of Science (MSc) Media Management  
 Master of Theology (MTh) Biblical Studies  
 Master of Theology (MTh) Inter-Faith Studies  
 Master of Theology (MTh) Islamic Studies  
 Master of Theology (MTh) Literature, Theology & the Arts  
 Master of Theology (MTh) Theology & Religious Studies

#### Faculty of Education

Master of Education (MEd) Academic Practice  
 Master of Education (MEd) Inclusive Education: Research Policy & Practice  
 Master of Education (MEd) Religious Education/Religious & Moral Education  
 Master of Letters (MLitt) English Educational & Cultural Studies  
 Master of Research (MRes) Education & Social Purpose  
 Master of Science (MSc) Adult & Continuing Education  
 Master of Science (MSc) Educational Studies  
 Master of Science (MSc) Inter-professional Science Education & Communication  
 Master of Science (MSc) Organisational Leadership  
 Master of Science (MSc) Teaching Adults

#### Faculty of Engineering

Master of Science (MSc) Aerospace Engineering and Management  
 Master of Science (MSc) Aerospace Systems  
 Master of Science (MSc) Chemical Engineering and Management  
 Master of Science (MSc) Civil Engineering and Management  
 Master of Science (MSc) Electronics & Electrical Engineering  
 Master of Science (MSc) Electronics & Electrical Engineering and Management  
 Master of Science (MSc) Electronics Design  
 Master of Science (MSc) Geotechnical Engineering<sup>11</sup>  
 Master of Science (MSc) Mechanical Engineering  
 Master of Science (MSc) Mechanical Engineering and Management  
 Master of Science (MSc) Mechanical Engineering with Desalination  
 Master of Science (MSc) Space Mission Analysis & Design  
 Master of Science (MSc) Structural Engineering & Mechanics<sup>12</sup>  
 Master of Science (MSc) Telecommunication Electronics  
 Master of Science (MSc) Water Resources Engineering Management<sup>13</sup>

#### Faculty of Information & Mathematical Sciences

Master of Research (MRes) Computing Science  
 Master of Research (MRes) Information Retrieval Systems  
 Master of Research (MRes) Information Security  
 Master of Research (MRes) Mobile and Ubiquitous Systems  
 Master of Research (MRes) Software Engineering  
 Master of Science (MSc) Applied Mathematics  
 Master of Science (MSc) Computing Science  
 Master of Science (MSc) Information Retrieval Systems

<sup>11</sup> Courses run jointly with Heriot-Watt University

<sup>12</sup> Subject to completion and approval by Senate of a Memorandum of Agreement; courses to be run jointly with the University of Edinburgh

<sup>13</sup> Courses run jointly with Heriot-Watt University

Master of Science (MSc) Information Security  
 Master of Science (MSc) Information Technology  
 Master of Science (MSc) Mathematics  
 Master of Science (MSc) Mobile and Ubiquitous Systems  
 Master of Science (MSc) Research Methods of Psychological Science  
 Master of Science (MSc) Software Engineering

#### **Faculty of Law, Business & Social Sciences**

Master of Accountancy (MAcc) International Accounting & Financial Management  
 Master of Business Administration (MBA)  
 Master of Finance (MFin) International Finance & Financial Institutions  
 Master of Laws (LLM) Commercial Law  
 Master of Laws (LLM) International Competition Law & Policy  
 Master of Laws (LLM) International Law  
 Master of Laws (LLM) Law General  
 Master of Medical Law  
 Master of Medical Law and Ethics  
 Master of Research (MRes) Accounting  
 Master of Research (MRes) Finance  
 Master of Research (MRes) Law  
 Master of Research (MRes) Public Policy Research  
 Master of Research (MRes) Socio-legal Studies  
 Master of Research (MRes) Sociology & Research Methods  
 Master of Research (MRes) Urban Research  
 Master of Science (MSc) Applied Social Research  
 Master of Science (MSc) Banking & Financial Services  
 Master of Science (MSc) Central Banking  
 Master of Science (MSc) China in the International Arena  
 Master of Science (MSc) Contemporary Economic History  
 Master of Science (MSc) Development Studies  
 Master of Science (MSc) Economic & Financial Sector Policies  
 Master of Science (MSc) Economic Development  
 Master of Science (MSc) Economics, Banking & Finance  
 Master of Science (MSc) Environment & Sustainable Development  
 Master of Science (MSc) Environment, Development & Globalisation  
 Master of Science (MSc) Equality & Human Rights  
 Master of Science (MSc) Europe & International Development (Politics and Economics)  
 Master of Science (MSc) European Politics  
 Master of Science (MSc) European Politics & Law  
 Master of Science (MSc) Finance & Economic Development  
 Master of Science (MSc) Financial Economics  
 Master of Science (MSc) Financial Forecasting & Investment  
 Master of Science (MSc) Gender Rights and Development  
 Master of Science (MSc) Global Movements, Social Justice & Sustainability  
 Master of Science (MSc) History  
 Master of Science (MSc) History (with an emphasis on History of Medicine)  
 Master of Science (MSc) History & Computing  
 Master of Science (MSc) History & Computing (with an emphasis on History of Medicine)  
 Master of Science (MSc) Housing Studies: Development & Regeneration<sup>14</sup>  
 Master of Science (MSc) Housing Studies: Policy & Analysis<sup>15</sup>  
 Master of Science (MSc) Housing Studies: Services & Delivery<sup>16</sup>  
 Master of Science (MSc) Human Resource Management  
 Master of Science (MSc) Human Rights & International Politics  
 Master of Science (MSc) International Banking & Finance

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<sup>14</sup> Subject to Senate approval

<sup>15</sup> Subject to Senate approval

<sup>16</sup> Subject to Senate approval

Master of Science (MSc) International Development  
 Master of Science (MSc) International Finance & Economic Policy  
 Master of Science (MSc) International Financial Economics  
 Master of Science (MSc) International Management & Entrepreneurship  
 Master of Science (MSc) International Politics  
 Master of Science (MSc) International Politics (Research)  
 Master of Science (MSc) International Trade & Finance  
 Master of Science (MSc) Investment Banking & Finance  
 Master of Science (MSc) Local Economic Development  
 Master of Science (MSc) Macroeconomics  
 Master of Science (MSc) Management  
 Master of Science (MSc) Management with International Finance  
 Master of Science (MSc) Management with International Real Estate  
 Master of Science (MSc) Management Research  
 Master of Science (MSc) Political Communication  
 Master of Science (MSc) Project Planning & Development Policy Analysis  
 Master of Science (MSc) Public Policy  
 Master of Science (MSc) Quantitative Finance  
 Master of Science (MSc) Racism, Imperialism & Resistance  
 Master of Science (MSc) Social History<sup>17</sup>  
 Master of Science (MSc) Social Science Research  
 Master of Science (MSc) Sociology  
 Master of Science (MSc) Strategic Marketing  
 Master of Science (MSc) Urban & Housing Practice  
 Master of Science (MSc) Urban Policy Analysis  
 Master of Science (MSc) Urban Policy & Practice  
 Master of Science (MSc) Urban Regeneration

#### Faculty of Medicine

Master of Primary Care (MPC)  
 Master of Public Health (MPH)  
 Master of Science in Clinical Science (MSc (Clin Sci)) Paediatric Science  
 Master of Science in Clinical Science (MSc (Clin Sci)) Reproductive & Maternal Sciences  
 Master of Science in Clinical Science (MSc (Clin Sci)) Surgical Oncology  
 Master of Science in Dental Science (MSc (Dent Sci)) Primary Dental Care  
 Master of Science in Medical Science (MSc (Med Sci)) Applied Neuropsychology  
 Master of Science in Medical Science (MSc (Med Sci)) Clinical Neuropsychology  
 Master of Science in Medical Science (MSc (Med Sci)) Clinical Nutrition  
 Master of Science in Medical Science (MSc (Med Sci)) Clinical Pharmacology  
 Master of Science in Medical Science (MSc (Med Sci)) Clinical Physics  
 Master of Science in Medical Science (MSc (Med Sci)) Clinical Radiation Physics  
 Master of Science in Medical Science (MSc (Med Sci)) Health Care  
 Master of Science in Medical Science (MSc (Med Sci)) Human Nutrition  
 Master of Science in Medical Science (MSc (Med Sci)) Medical Genetics  
 Master of Science in Medical Science (MSc (Med Sci)) Sport & Exercise Medicine

#### Faculty of Physical Sciences

Master of Research (MRes) Human Geography  
 Master of Science (MSc) Geoinformation Technology & Cartography  
 Master of Science (MSc) Geospatial & Mapping Sciences

#### Faculty of Veterinary Medicine

Master of Veterinary Public Health

#### Scottish Agricultural College

Master of Science (MSc) Organic Farming

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<sup>17</sup> Taught jointly with the University of Strathclyde

**12. Degrees<sup>18</sup> which include Variations to Regulations 3 and 7 above**

The following degrees are governed substantially by the above regulations. The requirements for these degrees may vary in respect of duration of study (§3) or progress (§7) and such variation will be described in the Programme Document.

**Faculty of Arts**

- Master of Letters (MLitt) Literature, Theology & the Arts
- Master of Letters (MLitt) Theology & Religious Studies

**Faculty of Education**

- Master of Education (MEd) Educational Studies
- Master of Education (MEd) English Language Teaching
- Master of Education (MEd) Inclusive Education
- Master of Education (MEd) Professional Development & Enquiry
- Master of Science (MSc) Psychological Studies

**Faculty of Law, Business & Social Sciences**

- Master of Research (MRes) Russian, Central & East European Studies
- Master of Science (MSc) City & Regional Planning
- Master of Science (MSc) City Planning & Real Estate Development
- Master of Science (MSc) City Planning & Regeneration
- Master of Science (MSc) Real Estate
- Master of Science (MSc) Real Estate & Regeneration
- Master of Science (MSc) Russian, Central & East European Studies

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<sup>18</sup> Each of these degree programmes also offers awards of Postgraduate Diploma and Postgraduate Certificate with the same title (see Regulation 10 above).

## IX REGULATIONS FOR MASTERS DEGREES : NON-GENERIC REGULATIONS

### INTERNATIONAL MASTERS IN RUSSIAN, CENTRAL & EAST EUROPEAN STUDIES

#### Regulations

A student admitted onto the programme must follow the instructions issued by the Department of Central & East European Studies and be aware of the content of the Programme Document (often referred to as the Programme or 'Course' Handbook) issued by that Department which will contain further details on the Programme and may include further requirements associated with the award.

#### 1. Admission

Before being considered for admission to study for an award to which these Regulations apply, a candidate must normally have obtained a degree or equivalent.

#### 2. Duration of Study

The minimum period of study for the award of the degree is 18 calendar months. The maximum period for full-time study is 36 calendar months of registered study. The maximum period within which all students must complete the programme is five years from the date of initial registration.

#### 3. Programme Components

In order to qualify for the award a candidate must complete a minimum of 240 credits<sup>19</sup> including taught courses and a 60 credit dissertation.

#### 4. Minimum Requirement for the Award of Credits

Credits for courses contributing to a candidate's curriculum shall be awarded subject to the fulfilment of required conditions. The minimum requirements for the award of credits are set out in the Code of Assessment at §16.36 – §16.40 in the chapter *University Fees and General Information for Students* of the University Calendar.

#### 5. Assessment

Regulations for assessment are, insofar as not modified by these regulations, governed by the Code of Assessment which is contained in the *University Fees and General Information for Students* chapter of the University Calendar.

#### 6. Progress

A candidate will be permitted to progress to preparation of the dissertation only if he or she has obtained an average of Grade C or better in the taught courses referred to in §3 above with no more than 25% of the credits for these courses at Grade E and none lower than Grade E.<sup>20</sup> The Programme Document may specify a course or courses in respect of which Grade D is a minimum requirement of progression.

#### 7. Reassessment of Dissertation

Reassessment of the dissertation or other substantial independent work will be permitted on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 3 months after the date of the meeting of the Board of Examiners. There is no automatic entitlement to repeat any previous practical work associated with the dissertation or substantial independent work or to undertake further practical work.

#### 8. Requirements for the award of a Masters Degree and Rules for Award of Distinction and Merit

8.1 A candidate will be eligible for the award of the degree on obtaining an average of Grade C or better (with no more than 25% of credit at Grade E and none lower than Grade E) in all the taught courses within the programme, as specified in §3 above, and obtaining a Grade D or better in the dissertation.

8.2 A candidate who has achieved Grade C or better in all components and Grade B or above in at least one third of the total credits of the award at the first sitting will be eligible for the award with Merit.

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<sup>19</sup> In compliance with the Scottish Credit and Qualification Framework for a Masters Degree 150 credits must be gained from **Masters level** courses (Level M/SCQF Level 11).

<sup>20</sup> Average grades are determined with reference to the schedule of grades and aggregation scores contained in the University's Code of Assessment. The average is calculated as the arithmetic mean of individual course scores, adjusted to reflect relative weights attributed to the scores being combined. These weights will correspond to the weights (if any) published in programme documentation but otherwise will be determined by the distribution of course credits within the programme.

8.3 A candidate who has achieved Grade B or better in all components and Grade A in at least one third of the total credits of the award at the first sitting will be eligible for the award with Distinction.

## 9. Transfer of Registration

A student who is unable for any reason to complete the programme may transfer his or her registration to the MSc in Russian, Central and East European Studies which has provision for the additional exit awards of Postgraduate Certificate and Postgraduate Diploma.

## MASTER OF ARCHITECTURE

Regulations for the Degree of Master of Architecture (MArch) can be found in the *Degrees Diplomas and Certificates awarded in conjunction with The Glasgow School of Art* section of the *University Calendar* (see regulation IV and X in GSA section of the *Calendar*).

## MASTER OF CHINESE STUDIES

The Degree of Master of Chinese Studies (MChin) will be governed by Resolution of the University Court with provision that:

Postgraduate students may at the discretion of the Faculty Committee, be jointly registered as candidates for the degree of Master of Chinese Studies in the Faculty of Social Sciences at the University of Edinburgh and the Faculty of Law, Business & Social Sciences at the University of Glasgow. Registration will date from 1 October.

All registered candidates for the degree must satisfy Regulations 2.1.1-2.1.8, 2.2.1-2.3.1, 4.1.2 and 4.1.16 at the University of Edinburgh, and any additional entrance requirements outlined in Section 7 can be found at <http://www.cpa.ed.ac.uk/drps>.

Candidates will pursue their studies at either Edinburgh and Glasgow under the direction of a University supervisor nominated by the Course Director and appointed by the Committee. An adviser will be appointed to oversee candidates while pursuing their language studies and undertaking their work placement in China.

Candidates will complete a compulsory programme of courses and language study in the first year; advanced language study and two further options in the second year; three months of intensive language training and three months work placement in China on which the dissertation will normally be based. Details of the programme of study are shown in Section 7.

The period of study will be not less than 24 months full-time and not more than 36 months full-time. This period may not be reduced, and may be extended only in exceptional circumstances. No candidate will be admitted to the programme after the date of opening without the express permission of the Convener of the Faculty Postgraduate Studies Committee at Edinburgh, acting on the advice of the Course Director. Candidates who decide not to pursue later courses or to complete the work placement in China, may, at the discretion of the Committee be awarded a Postgraduate Diploma.

Candidates must work in the Universities of Edinburgh and Glasgow, and in a Chinese institution or on a work placement in China approved by the Course Director. Advisers in China, designated by the Universities of Edinburgh and Glasgow and appointed by the Course Director, will have responsibility for the candidate's language and work placement, and will submit a report to the Course Director on the ability and progress of each candidate.

Candidates may, if good cause is shown, suspend their studies after nine months for a maximum period of 12 months. Re-admission to the degree will require the approval of the Course Director. No fees are payable during any full year in which suspension has been continuous.

On the recommendation of the University supervisor and the Course Director, and after seeking the views of the candidate, the Committee may suspend or discontinue a candidate's studies.

The examiners in the subjects of the examinations for the degree shall be:

- (a) those professors, readers, lecturers and honorary staff of the Universities of Edinburgh and Glasgow who conduct courses of instruction qualifying for the degree and who are appointed to act as examiners in accordance with such procedures as shall be prescribed from time to time by the Senatus Academicus at both institutions; and
- (b) one or more external examiners appointed by the University Court of both institutions on the recommendation of their Senatus Academicus.

Candidates will be assessed by essays, examinations, a placement report and a piece of independent work (a dissertation). An oral examination will be required in the Chinese language and may be required for other courses. Candidates may be assessed by staff at the University of Glasgow but will remain subject to the Degree Examination Regulations and Guidelines of the University of Edinburgh.

Candidates will be required to submit their dissertation for examination by a date in September of the second year (to be announced).

Provided that the dissertation reaches Postgraduate Diploma standard, it may be revised in order to reach the masters level within a further maximum period of three months.

The degree may awarded with distinction.

Candidates who complete all the requirements of the degree may, at the discretion of the Committee, be permitted to advance to the PhD after two further years of full-time registration.

The appeals procedures of the administering University will normally apply. However, with the agreement of both Universities, the appeal may be heard under the procedures of the other institution.

### **MASTER OF COMMUNITY CARE AND DIPLOMA IN COMMUNITY CARE**

Subject to the approval of the Court and Senate of the University, the degree of Master of Community Care (MCC) will be governed by Resolution of the University Court with provision that the programme is offered by the University of Glasgow and the University of Strathclyde and that awards are made in the name of both Universities. These regulations are drawn up consequent upon the Memorandum of Co-operation between the University of Glasgow and the University of Strathclyde. Students shall be deemed to be students of both Universities and shall observe the respective Ordinances, Resolutions, rules and regulations of both Universities.

Copies of the regulations may be obtained from the Faculty Office in the Faculty of Law, Business & Social Sciences, and are those promulgated by the University of Strathclyde.

### **MASTER OF FINE ARTS IN CREATIVE WRITING and MASTER OF FINE ARTS IN CREATIVE WRITING (APPLIED)**

#### **Resolution**

The Degrees of Master of Fine Arts in Creative Writing and Master of Fine Arts in Creative Writing (Applied) are governed by Resolution of the University Court. The provisions of Resolution No. 579 which, at the time of going to print, are in draft form are as follows:

1. The Degrees of Master of Fine Arts in Creative Writing (MFA) and Master of Fine Arts in Creative Writing (Applied) (MFA) are may be awarded by the University of Glasgow in the Faculty of Arts.
2. The Senate may make Regulations governing the award of the Degrees which are subject to the approval of the University Court. These shall be as stated under 'Regulations' below.

#### **Regulations**

A student admitted onto a programme leading to one of these awards must follow the instructions issued by the Department of English Literature and be aware of the content of the Programme Document (often referred to as the Programme or 'Course' Handbook) issued by that Department which will contain further details on the Programme including, in some cases, further requirements associated with the award.

#### **1. Admission**

- 1.1 Before being considered for admission to study for one of these awards, a candidate must normally have obtained an Upper Second Class Honours Degree or a qualification deemed by the Faculty of Arts Higher Degrees Committee to provide equivalent evidence of suitability for study at postgraduate level. Each candidate will be expected also to submit a portfolio of creative and critical work demonstrating evidence of potential in creative writing.
- 1.2 A candidate who has already attained a masters degree in creative writing from the University of Glasgow will normally be permitted direct entry to the second year of the programme. Such admission with a view to being awarded the Degree of Master of Fine Arts in Creative Writing will not compromise the candidate's right to retain his or her original masters degree.
- 1.3 A candidate who has already attained a Masters degree in Creative Writing from another institution may be admitted to the second year of the programme subject to consideration of the portfolio of creative and critical work submitted.

#### **2. Duration of Study**

The minimum period of study for the award of the degree is 12 calendar months. The maximum period for full-time study is 36 calendar months of registered study. The maximum period within which all candidates must complete the programme is five years from the date of initial registration.

#### **3. Programme Components**

- 3.1 Each candidate admitted to the first year of study will follow the programme prescribed for the MLitt in Creative Writing. This programme will consist of taught courses delivering 120 credits, and a dissertation or portfolio delivering 60 credits. Early exit awards will be available on attainment of credits as follows:
  - (a) For the award of a Postgraduate Diploma: 120 credits of taught courses.
  - (b) For the award of a Postgraduate Certificate: 60 credits of taught courses.

- 3.2 In the second year each candidate will follow a course of study parallel to that taken by students in the first year of the PhD in Creative Writing. Taught courses will deliver a further 120 credits, and the final dissertation or portfolio a further 60 credits.
- 3.3 Each candidate for the Degree of Master of Fine Arts in Creative Writing (Applied) will be required to include the course *Teaching Creative Writing* among those courses taken in the second year.

#### 4. Minimum Requirement for the Award of Credits

Credits for courses contributing to a candidate's curriculum shall be awarded subject to the fulfilment of required conditions. The minimum requirements for the award of credits are set out in the Code of Assessment at §16.36 – §16.40 of the chapter *University Fees and General Information for Students* in the University Calendar.

#### 5. Assessment

- 5.1 Regulations for assessment are, insofar as not modified by these regulations, governed by the Code of Assessment which is at §16 in the *University Fees and General Information for Students* chapter of the University Calendar.
- 5.2 The degree of Master of Fine Arts in Creative Writing may be awarded to a candidate whose final dissertation or portfolio is an original work in his or her chosen genre.

#### 6. Candidates for a Masters Degree: Progress

- 6.1 A candidate will be permitted to progress to the second year of the programme only after he or she has met all of the requirements for the award of the Degree of MLitt in Creative Writing.
- 6.2 A candidate will be permitted to progress to preparation of the dissertation, or portfolio required by the degree, only if he or she has obtained an average of Grade C in the taught courses referred to in §3 above with no more than 25% of the credits for these courses at grade E and none below grade E.<sup>21</sup> The Programme Document may specify a course or courses in respect of which grade D is a minimum requirement of progression.

#### 7. Reassessment of the Dissertation

Reassessment of the dissertation or portfolio will be permitted on one occasion only under such conditions as the Examiners may prescribe in each particular case. Resubmission should normally be no later than 3 months after the date of the meeting of the Board of Examiners.

#### 8. Requirements for the award of a Masters Degree

A candidate will be eligible for the award of the degree on obtaining an average of Grade C or better (with no more than 25% of credit at Grade E and none below grade E) in all the taught courses within the programme, referred to in §3 above, and obtaining a grade D or better in the dissertation or portfolio.

#### 9. Requirements for the award of a Postgraduate Diploma or Postgraduate Certificate

- 9.1 The requirement for the award of a Postgraduate Diploma is an average of Grade D in 120 credits, with not less than 80 of these credits at Grade D or above.
- 9.2 The requirement for the award of a Postgraduate Certificate is an average of Grade D in 60 credits, with not less than 40 of these credits at Grade D or above.

### MASTER OF LAWS BY RESEARCH

#### Resolution

The Degree of Master of Laws by Research is governed by Resolution No. 538(A) of the University Court which came into effect on 1 October 2004 with provision that:

1. The Degree of Master of Laws by Research (LLM) may be awarded by the University of Glasgow in the Faculty of Law, Business & Social Sciences.
2. The Senate may make Regulations governing the award of the Degree which are subject to the approval of the University Court. Until such time as the Senate has integrated and rationalised these statements, the Regulations shall consist of the statement of provisions and the statement of regulations below.

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<sup>21</sup> Average grades are determined with reference to the schedule of grades and aggregation scores contained in the University's Code of Assessment. The average is calculated as the arithmetic mean of individual course scores, adjusted to reflect relative weights attributed to the scores being combined. These weights will correspond to the weights (if any) published in programme documentation but otherwise will be determined by the distribution of course credits within the programme.

3. The Degree shall in no case be conferred on persons who have not satisfied the conditions of these Regulations and shall not be conferred *honoris causa tantum*.

### Provisions

1. Candidates shall normally hold a first or second class Honours degree in Law of a United Kingdom university or a qualification deemed by the Senate of the University of Glasgow to be equivalent. Exceptionally, candidates with a Law degree other than an honours degree, or with a non-Law degree, may be considered at the discretion of the Head of the School of Law.
2. Students who are not EU nationals and whose language of instruction in their first degree was not English are required to possess an acceptable qualification in the English language as determined by the Faculty. There is no such requirement for EU nationals.
3. A candidate shall pursue a full-time course of research in the University of Glasgow during a period which shall normally be two academic years or shall pursue a part-time course of research in the University of Glasgow during a period which shall normally be three academic years but the *Senatus* for special reasons (a) may permit a candidate to pursue any part of the period of research elsewhere than in the University of Glasgow and (b) may reduce or extend the relevant period of study or research by a period not exceeding one year, so however that a candidate may not normally spend less than one academic year of study in the University of Glasgow.
4. The *Senatus* shall designate a Professor, Reader or Lecturer in the University to supervise the research of each candidate. The supervisor shall report at least once a year to the *Senatus* on the progress of the candidate. The *Senatus* may at any stage exclude from further research for the Degree any candidate whose conduct or progress is unsatisfactory.
5. On completion of the prescribed period of research a candidate shall present a thesis embodying the results of his or her work. A candidate may also be required to undergo an oral or practical examination.
6. The Examiners for the Degree shall be such Professors, Readers and Lecturers of the University as the *Senatus* shall designate and such additional examiners as the University Court on the recommendation of the *Senatus* shall appoint.

### Regulations

1. Admission to study for the Degree will normally be granted only from the beginning of the academical year.
2. The normal standard of admission will be that of a Degree with First or Second Class Honours of a Scottish university or an approved equivalent qualification. Every candidate must if required satisfy the *Senatus Academicus* that he or she has a sufficient command of the English language profitably to pursue the research proposed. A candidate who appears to be deficient in this respect may be required to complete satisfactorily a probationary period of study of up to one year before being admitted to study for the Degree.
3. The candidate shall prosecute his or her research under the supervision of a member of staff from the appropriate subject area appointed by the Faculty Higher Degrees Committee on the recommendation of the Head of Department. The Faculty Higher Degrees Committee shall have power, for special reasons, to permit a candidate to conduct research elsewhere for part of the prescribed period.
4. On completion of the candidate's research the candidate shall present to be examined for the Degree a thesis which may embody the results of the candidate's original research or may be a critical review of existing knowledge. The thesis must be written in English and will normally be 30,000 - 40,000 words in length.
5. The candidate must submit two bound printed or typewritten copies of the thesis which shall, if the Degree is awarded, both remain the property of the University and be deposited in the University Library. Each copy shall contain an adequate and informative summary (250-500 words) and in layout and binding shall generally conform to the British Standards Institution's *Recommendations for the presentation of theses* (BS4821:1990) an abstract of which is available in the University Library or from the Faculty Secretary. The thesis must be accompanied by a declaration by the candidate that the research has been carried out and the thesis composed by himself or herself and that the thesis has not been accepted in fulfilment of the requirements of any other degree or professional qualification. It must also state the extent to which the candidate has availed himself or herself of the work of others and which portions of the thesis, if any, are claimed as original.
6. Except by permission of the *Senatus* a thesis may not be presented later than three years from the date when the candidate ceases to be a registered student.
7. If the Examiners consider that the thesis, portfolio, or project work has not achieved the standard required for the award of the Degree, the candidate may be permitted to revise the theses, portfolio or project and resubmit it, on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 6 months after the date of the meeting of the Board of Examiners.

**MASTER OF LETTERS****Resolution**

The Degree of Master of Letters will be governed by Resolution of the University Court with provision that:

1. Research students within the meaning of Ordinance No. 350 (General No. 12) who have prosecuted in the University or an institution recognised for the purpose by the University Court on the recommendation of the *Senatus* a course of special study or research in accordance with the provisions of that Ordinance, may offer themselves for the Degree, under the following conditions, namely:
  - (a) that they have obtained a Degree in any Scottish University, or in another University or College specially recognised for the purpose of this section by the University Court on the recommendation of the *Senatus Academicus*, provided always that a diploma or certificate recognised in like manner as equivalent to a Degree may be accepted in place of a Degree and provided also that the *Senatus* shall, in exceptional circumstances and on presentation of a full, stated case by the Faculty Higher Degrees Committee, have power to admit to study for the Degree in the Faculties of Arts or Education or Law, Business & Social Sciences any other person who in the opinion of the Committee is otherwise fitted to undertake research;
  - (b) that they have satisfactorily prosecuted such studies on a full-time basis for a period of not less than two academical years, or on a part-time basis for not less than three academical years; provided always that the *Senatus* shall have power (i) for special reasons to permit a candidate to pursue study elsewhere for a part of the prescribed period, and (ii) for stated reasons and on the recommendation of the Higher Degrees Committee to reduce the prescribed period of study by up to one academical year.
  - (c) A member of the teaching staff of the University, or a person who holds an appointment as Research Assistant or Research Fellow of the University of Glasgow and is paid through the Finance Office or directly by a grant-aiding body approved by the University Court, may notwithstanding offer himself/herself for the Degree of Master of Letters if he/she has prosecuted a course of special study or research on a part time basis for a period of not less than two years.
2. Each candidate shall submit a thesis on a subject falling within his or her special study. The candidate may also be required to undergo oral examination.
3. The examiners for the Degree shall be such Professors and Lecturers in the University as the *Senatus* shall designate and such additional examiners as the University Court, on the recommendation of the *Senatus* shall appoint.
4. The regulations for the Degree shall be as stated in Schedule A hereto.
5. The Degree shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth and shall not be conferred *honoris causa tantum* except in the conditions contained in Ordinance of the University Court No. 109, Glasgow No. 28.

Revision of Resolution 114 also permits the award of the Degree of Master of Letters by Prescribed Programmes. The relevant provisions are as follows:

6. Candidates may undertake a prescribed programme of study in accordance with the provisions of Schedule B of the Regulations following.
7. Every candidate for the Degree, before being admitted to a programme of study qualifying therefor, (a) must have obtained a Degree in any Institution of Higher Education specially recognised for this purpose by the University Court on the recommendation of the *Senatus Academicus*, provided always that a diploma or a certificate recognised in like manner as equivalent to a Degree may be accepted in place of a Degree and (b) must have satisfied the *Senatus* of his or her fitness to undertake advanced study.
8. A candidate who is a full-time student shall follow a programme of study in the University or another Institution recognised for the purpose for 12 months. The period of study for a candidate who is a part-time student shall be at least 24 months.  
 Full-time candidates for the degree in the Faculty of Arts are normally required to attend classes in the University and to be available in the relevant department(s) during the summer vacation for both work on and supervision of the dissertation.  
 These provisions notwithstanding, the Faculty may on special cause shown extend the prescribed period of study for any full-time candidate by not more than one year.
9. The Faculty shall designate a Professor or Lecturer in the University to supervise the study of each candidate. The supervisor shall report on the progress of the candidate at appropriate intervals as determined by the Faculty.
10. On the conclusion of his or her period of study each candidate shall present for such written examination as may be prescribed by the *Senatus*, and may be required to submit a dissertation. The candidate may also be required to undergo oral and/or practical examination.
11. The examiners for the Degree shall be such Professors and Lecturers in the University as the *Senatus* shall designate and such additional examiners as the University Court, on the recommendation of the *Senatus* shall appoint.

12. The Degree shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth and shall not be conferred *honoris causa tantum* except on the conditions contained in Ordinance of the University Court No. 109, Glasgow No. 28.

#### Schedule A - Master of Letters by Research

1. Admission to study for the Degree will normally be granted only from the beginning of the academical year.
2. (a) The following institution is recognised for the purpose of section 1 of the Resolution:  
Glasgow School of Art.
- (b) On the recommendation of the Faculty concerned, and of the *Senatus*, the University Court may recognise, in the case of individual candidates, other institutions for the purpose of section 2 of the Resolution, where satisfactory arrangements can be made for the supervision of a candidate.
- (c) A full-time member of staff of a recognised institution may be nominated to Senate as a supervisor or as an internal examiner or a member of a Special Committee. In such cases, a member of staff from an appropriate subject area in the University shall be appointed also.
3. (a) In the Faculties of Arts and Education a candidate must submit the thesis for examination at the conclusion of the minimum period of full-time or part-time study specified by regulation. This period of study shall commence from the date of initial registration as a postgraduate student in the Faculty. In the case of candidates who do not submit the thesis at the conclusion of the minimum period of study, extension to the deadline may be granted in accordance with the following provisions:
  - (i) the Faculty Higher Degrees Committee may, on consideration of a stated case from the candidate's supervisor, approve an extension of one year full-time or two years part-time for full-time candidates, or two years part-time for part-time candidates.
  - (ii) the Senate, in exceptional circumstances, may approve a further final extension of up to one year full-time or part-time.
- (b) In the Faculty of Law, Business & Social Sciences the time limit for submission of theses is six years from first registration for full-time students and eight years from first registration for part-time students. Students who have reached the time limit without submitting a thesis may apply annually to the Higher Degrees Committee for an extension of one year, giving reasons for the delay and/or evidence of progress. Any such submissions must be supported by the supervisor or head of department.
4. A candidate must submit two copies of the thesis which may be soft-bound but otherwise should generally conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990) which is available for consultation in the University Library or from the Clerk to the Faculty. The thesis must include a summary (250-750 words) which must be an adequate and informative abstract of the work.  
In the Department of Music, candidates may present themselves in Musicology, Musical Composition or Music Technology. In Musical Composition the candidate shall present a portfolio of composed music or work of equivalent creative depth or complexity comprising at least 2 pieces with a combined duration of at least eighty minutes. The portfolio may comprise instrumental, vocal or electroacoustic works or any combination thereof. It should include a written commentary of 5,000-7,000 words on the works contained. In Music Technology the candidate shall present a thesis of 20,000-40,000 words and project (weighted together: 100%). The project may be presented as a portfolio exemplifying and illustrating the thesis. This might involve a software/hardware project with details of its design and specification, and a description of its implementation. A research project would outline the design of experiments and present documentation and interpretation of the results. The thesis and the project taken shall be deemed to constitute a 'thesis which shall embody the results of the candidate's special study or research' as required under Clause 2 of the Resolution.
5. Students must also comply with the detailed requirements for research degrees published by the appropriate Graduate School.
6. In the Faculties of Education and Law, Business & Social Sciences the thesis must be in English. In the Faculty of Arts the thesis must normally be written and defended in English. Exceptionally, however, at the time of application the Faculty Higher Degrees Committee may approve arrangements whereby the thesis may be written and defended in a language other than English. Approval will normally be given only where the use of a language other than English is deemed appropriate by the relevant Department and the Higher Degrees Committee and where the Department and the Higher Degrees Committee are satisfied that appropriate arrangements can be made for supervision and examination.
7. (a) In the Faculty of Arts or Faculty of Education the normal standard of admission will be that of First or upper Second Class Honours but another qualification, being a qualification approved by the University Court as provided in §2 of the Resolution may be accepted by the Faculty as being suitable for the programme of study which it is proposed that the applicant should follow.
- (b) In the Faculty of Law, Business & Social Sciences, the normal standard of admission will be that of a Degree with First or Second Class Honours of a Scottish University, or an approved equivalent qualification.
8. In the Faculty of Arts a research student intending to offer himself or herself for the Degree must obtain the approval of the Faculty for his or her candidature not later than the end of his or her first year of study.

9. (a) In the Faculties of Arts, Education and Law, Business & Social Sciences, candidates on a full-time basis must attend for regular supervision in the University throughout the period of study, except when given permission to prosecute research elsewhere in accordance with §2.
- (b) In the Faculty of Education, candidates on a part-time basis must be in attendance in the University of Glasgow for a minimum total period of three months.
- (c) In the Faculty of Law, Business & Social Sciences, candidates on a part-time basis must be available for regular supervision throughout their period of study unless given permission otherwise by the Higher Degrees Committee.
- (d) In the Faculty of Arts, candidates on a part-time basis must be in attendance in the University of Glasgow for a minimum total period of three months, and must be available to meet their Supervisor at least three times per session, on occasions preceding the Christmas, spring and summer vacations throughout the period of study, unless the Faculty Higher Degrees Committee has given permission otherwise.
10. If the Examiners consider that the thesis, portfolio, or project work has not achieved the standard required for the award of the Degree, the candidate may be permitted to revise the theses, portfolio or project and resubmit it, on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 6 months after the date of the meeting of the Board of Examiners.
11. If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.

#### **Schedule B - Master of Letters by Prescribed Programmes**

1. Admission to study for the Degree will normally be granted only from the beginning of the academical year.
2. (a) In the Faculty of Arts the normal standard of admission will be that of a Degree with First or upper Second Class Honours but another qualification, being a qualification approved by the University Court as provided in section 7 of the Resolution, may be accepted by the Faculty as being suitable for the programme of study which it is proposed that the applicant should follow.
- (b) In the Faculty of Law, Business & Social Sciences, the normal standard of admission will be that of a Degree with First or Second Class Honours of any Institution of Higher Education recognised by the University Court as provided for in §7 of the Resolution, or an approved equivalent qualification.
3. (a) Schemes of Programmes and Examinations in the several fields of study, and any amendments thereto, shall be submitted by the Faculty concerned to the *Senatus* for its approval. Each scheme of examination shall indicate whether or not a dissertation will be required, and shall indicate the approximate length of the dissertation and the weight attached to it in relation to the whole examination; it shall also indicate at what stage of the programme each component examination and the submission of the dissertation shall be prescribed.
- (b) In the case of a scheme of examination including elements of continuous assessment, if a student, for good cause, fails to submit a piece of work on time, an extension normally not more than three weeks might be granted by the Head of Department. If the student should then fail to submit the piece of work, final assessment will be based on such work as has been submitted. If a student, for good cause, submits no course work, a special three-hour examination or equivalent may be set in the September of the year in question at the discretion of the Board of Examiners.
4. In the Faculty of Law, Business & Social Sciences a candidate shall be deemed to have completed his or her curriculum when he or she has attended classes regularly and duly performed all prescribed work.
5. Full-time candidates for the Degree shall present themselves for final examination as the scheme of examinations shall determine, and shall present their dissertation for examination in the twelfth month of study.  
Candidates for the Degree by part-time study may present themselves for examination at the summer diet (or such other time as the scheme may specify) of each year of study for part of the scheme of examination, if the scheme of examination so permits, provided that the whole scheme be covered in not more than three years unless a longer period is stated in the scheme of examinations. The examiners may, at their discretion, set a diet in September in appropriate cases for those candidates permitted to re-sit a summer diet examination or for candidates who for medical reasons failed to sit an examination at the summer diet.  
Deferment may be permitted by the Senate on special cause shown.
6. If a dissertation is required, two typewritten copies must be submitted: the dissertation must be in English, except that where a scheme of examination so permits, it may be written in the language appropriate to the subject. If the Degree is awarded the original dissertation shall remain in the possession of the University.
7. In Faculties where the provision exists for the award of distinction or merit, the Examiners shall have discretion to recommend that the degree be so awarded. Details of the grading scheme, the requirements for the award of the Degree and the criteria for the award of Merit and Distinction are contained in the programme documentation.

8. (a) A candidate who fails to satisfy the Examiners for the Degree may be permitted by the Examiners to present himself for re-examination, on one occasion only and normally not later than two years from the date of his or her first (final) examination, in the whole of the examination, or in a specific component of the examination, as the Examiners may determine in each case; and in such cases the Examiners shall prescribe whether the candidate shall be required to attend the whole course or specific parts of the course, or whether the candidate may be permitted to present for re-examination without further attendance on the course. An examination may be made up of components such as examination papers, submitted essays, and such other submitted work as the Examiners may determine.
- (b) In the Faculty of Law, Business & Social Sciences no more than half the total scheme of examinations may be retaken, other than for attested medical reasons. This may include re-sitting examination papers or resubmitting a dissertation; but not resubmitting essays, field reports or other forms of continuous assessment where these substitute for a paper or part of a paper under Regulation 3.
9. In the Faculties of Arts and Law, Business & Social Sciences, a student who fails to maintain satisfactory progress may be required to discontinue studies without presenting for examination. This decision will be taken by the relevant Faculty Higher Degrees Committee, before the spring vacation in Semester 2, on the recommendation of the Head(s) of Department(s) concerned.
10. The Examiners shall have discretion to recommend the award of a Postgraduate Diploma in the appropriate subject area to a student who has completed the course-work part of the MLitt Degree satisfactorily and has achieved a satisfactory standard in the examinations but who does not proceed, or who is not permitted to proceed, to the dissertation. The Examiners shall have similar discretion in the case of a student who is adjudged not to have achieved MLitt standard after submission of the dissertation.
11. The Examiners shall have discretion to recommend the award of a Postgraduate Certificate in the appropriate subject area to a student who has completed satisfactorily the appropriate part of the course-work as agreed by the *Senatus* on the recommendation of the appropriate Faculty.

#### **Programmes of Study for the Degree of Master of Letters**

Programmes governed by these regulations and recognised by the Senate for the Degree of MLitt are listed below. MLitt Degree Programmes governed by the generic regulations for taught masters degrees are identified in Section VI above.

Dramaturgy

History of Art and Connoisseurship <sup>22</sup>

#### **MASTER OF LETTERS IN HERMENEUTICS**

The degree of Master of Letters in Hermeneutics will be governed by Resolution of the University Court with provision that the programme is offered by the University of Glasgow and the University of Stirling and that awards are made in the name of both Universities. These regulations are drawn up consequent upon the Memorandum of Co-operation between the University of Glasgow and the University of Stirling. Students shall be deemed to be students of both Universities and shall observe the respective Ordinances, Resolutions, rules and regulations of both Universities. For the University of Glasgow the Degree of Master of Letters in Hermeneutics will be governed by a Resolution of the University Court, which at the date of going to press had yet to come into effect.

Copies of the regulations may be obtained from the Faculty Office in the Faculty of Arts, and are those promulgated by the University of Stirling.

#### **MASTER OF MUSIC**

##### **Resolution**

The Degree of Master of Music is governed by Resolution No. 416 of the University Court which came into effect on 18 October 1995 and Resolution No. 537 which came into effect on 1 October 2004. The relevant provisions of these Resolution are set out below:

1. The Degree of Master of Music (MMus) may be awarded in the University of Glasgow in the Faculty of Arts.
2. A candidate for the Degree must be a Bachelor of Music with Honours or a Master of Arts with Honours in Music of the University, or must have obtained an equivalent degree or qualification from another University or Institution of Higher Education recognised for this purpose by the University Court on the recommendation of the *Senatus*, and must satisfy entrance requirements which shall be determined by the Head of the Department of Music.
3. The minimum period of prescribed research for the Degree shall be one year of full-time study or two years of part-time study. The candidate shall prosecute this research under the supervision of a primary and a secondary supervisor, drawn from the current staff. The primary supervisor should come from the subject area appropriate to the candidate's research and both supervisors are appointed by the Faculty Higher Degrees Committee on the recommendation of the Head of Department. The dissertation resulting from this research accounts for 60% of the

<sup>22</sup> Taught at Christie's Education, London.

overall result, the remaining 40% relating to course work and seminars arranged by the Department of Music. The Higher Degrees Committee shall have power for special reasons to permit a candidate to pursue study elsewhere for part of the prescribed period.

4. The Higher Degrees Committee in the Faculty of Arts shall consider all matters relating to the Degree and shall report to the *Senatus* thereon. It shall be competent for the Higher Degrees Committee to make recommendations to the *Senatus* with regard to the appointment of Examiners for the Degree.
5. It shall be competent for the University Court, on the recommendation of the *Senatus*, to recognise as teachers of the University for the purposes of the Degree such lecturers and other officers of the Royal Scottish Academy of Music and Drama as, having responsibility for research or courses qualifying for the Degree, may be proposed for such recognition by the Higher Degrees Committee.
6. (a) The Examiners for the Degree shall be such Professors and Lecturers of the University as the *Senatus* shall designate, together with teachers of the Royal Scottish Academy of Music and Drama appointed in accordance with section (b) below; and such external examiners as may be appointed by the University Court.  
(b) The University Court may appoint as an examiner for the Degree, but not as an external examiner, any teacher recognised in accordance with Section 5 hereof.
7. The regulations for the Degree shall be as undernoted.

### Regulations

1. Admission to study for the Degree will normally be granted only from the beginning of the academic year.
2. The normal standard of admission will be that of a Degree with First or Upper Second Class Honours, or the equivalent.
3. The Department of Music of the University shall be responsible for the research for the Degree, for the co-ordination of any supervision or teaching arrangements, and for providing the courses and seminars accompanying the individual research work.
4. All candidates must normally undertake the Postgraduate Research Training Courses in Information Technology and Library Skills, provided by the Arts and Humanities Graduate School before presenting their submission.
5. A candidate will be required to fulfil the following criteria in one of the three specialist areas:
  - (i) Musicology:
    - a. submission of an essay of 5,000-7,000 words relating to the introductory course in the discipline of music scholarship, history and criticism (weighting: 25%);
    - b. active participation in two courses of research seminars relating to the current research of lecturers within the department (weighting: 15%); at least one of these should be in the field of musicology, while the other may come from other seminar series offered by the department;
    - c. presentation of a thesis, of 15,000-20,000 words (weighting: 60%).
  - (ii) Composition:
    - a. submission of a portfolio of compositions (weighting: 60%). The portfolio may consist of any combination of instrumental, vocal or electroacoustic works (totalling approximately 30 minutes duration). At least one composition must be performed at a public concert in the University or at an event associated with the University, during the course of the year of study. Active participation in two courses of research seminars relating to the current research of lecturers within the department (weighting: 15%); at least one of these should be in the field of composition, while the other may come from other seminar series offered by the department;
    - b. essay of 5,000-7,000 words (weighting: 25%).  
The essay may be:
      1. on a topic related to the portfolio of compositions; or
      2. documentation and critical assessment of an educational, community or repertoire project undertaken with a performing ensemble associated with the university.
  - (iii) Music Technology:
    - a. submission of a project (weighting: 60%);
    - b. submission of an essay of 5,000 - 7,000 words (weighting: 25%);
    - c. active participation in two courses of research seminars relating to the current research of lecturers within the department (weighting: 15%); at least one of these should be in the field of music technology, while the other may come from other seminar series offered by the department.
6. A candidate must present the thesis, portfolio or project work for examination within eleven months of the date of initial registration as a postgraduate student in the Faculty of Arts (twenty-three months in the case of part-time study). In exceptional circumstances, and on submission of a stated case, an extension of six months may be approved by the Faculty Higher Degrees Committee.

7. A candidate must submit two bound typewritten or printed copies of the thesis and/or musical scores accompanied by a declaration that the research/composition has been carried out and the thesis and/or musical scores have been composed by the candidate, and that the material of the submission has not been accepted in fulfilment of the requirements of any other degree or professional qualification. In the case of musical compositions, the words "typewritten or printed" can mean either a score produced by means of notation software or a hand-written score notated in indelible ink.

The submitted copies of the thesis may be soft-bound but otherwise should generally conform to the British Standard Institution's Recommendations for the presentation of theses (BS4821:1990) which is available for consultation in the University Library or from the Clerk to the Faculty. In the case of musical scores, the submission will conform to standard criteria reflecting current professional practice.

8. If the Examiners consider that the thesis, portfolio, or project work has not achieved the standard required for the award of the Degree, the candidate may be permitted to revise the theses, portfolio or project and resubmit it, on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 6 months after the date of the meeting of the Board of Examiners.
9. If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.

## MASTER OF PHILOSOPHY

### Resolution

The Degree of Master of Philosophy is governed by Resolution of the University Court. The provisions of Resolution No. 575 which, at the time of going to print, are in draft form are as follows:

1. The Degree of Master of Philosophy (MPhil) may be awarded by the University of Glasgow in the Faculties of Arts, Education and Law, Business & Social Sciences.
2. (a) A candidate for the Degree may either undertake a prescribed course of study in accordance with the provisions of Schedule A, or undertake research in accordance with the provisions of Schedule B or Schedule C as set out in the Regulations below. Such study shall be prosecuted in the University of Glasgow or The Glasgow School of Art or in another institution recognised for the purposes of study and research.  
 (b) Faculties and Graduate Schools may allow the candidate's study or research to be conducted in an institution external to the University of Glasgow. The choice of such an institution will be determined *ad hoc* and only where there exists clear alignment of the candidate's proposed study or research with the aims and objectives of the institution proposed, and where the institution can demonstrate ability to provide an appropriate level of supervision of the candidate. A full-time member of staff of a recognised institution may be nominated to Senate *either* as a supervisor *or* as an internal examiner although such an individual may not be nominated as an examiner if he or she has previously supervised the candidate's work. In cases where an employee of the institution acts as supervisor or internal examiner, a member of staff from an appropriate subject area in the University will also be appointed.
3. Every candidate for the Degree, before being admitted to a programme of study qualifying therefor, (a) must have obtained a Degree in any Institution of Higher Education specially recognised for this purpose by the University Court on the recommendation of the Senate, provided always that a diploma or a certificate recognised in like manner as equivalent to a Degree may be accepted in place of a Degree and (b) must have satisfied the Senate of his or her fitness to undertake advanced study.
4. A candidate who is a full-time student shall follow a programme of study in the University or another Institution recognised for the purpose either for twelve months by research or for two academical years by prescribed programme. The Senate shall determine the departments of study in which a two-year programme is to be offered. The period of study for a candidate who is a part-time student shall be at least one year longer than that prescribed for full-time students.  
 These provisions notwithstanding, the Faculty may on special cause shown (i) extend the prescribed period of study for any full-time candidate by not more than one year; (ii) permit a candidate for the two-year Degree to pursue study elsewhere for a period not exceeding one semester.
5. The Faculty shall designate a Professor or Lecturer in the University to supervise the study of each candidate. The supervisor shall report at appropriate intervals as determined by Faculty on the progress of the candidate.
6. On the conclusion of his or her period of study each candidate shall present for such written examination as may be prescribed by the Senate and may be required to submit a dissertation. The candidate may also be required to undergo oral and/or practical examination.

7. The examiners for the Degree shall be such Professors and Lecturers in the University as the Senate shall designate and such additional examiners as the University Court, on the recommendation of the Senate shall appoint.
8. The Degree shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth and shall not be conferred *honoris causa tantum* except on the conditions contained in Ordinance of the University Court No. 109, Glasgow No. 28.
9. The regulations for the Degree shall be as stated in the Schedules hereto.

#### **Schedule A - Master of Philosophy by Prescribed Programmes**

1. Admission to study for the Degree will normally be granted only from the beginning of the academical year.
2. In the Faculties of Arts and Education the normal standard of admission will be that of a Degree with First or upper Second Class Honours but another qualification, being a qualification approved by the University Court as provided in section 2 of the Resolution, may be accepted by the Faculty concerned as being suitable for the programme of study which it is proposed that the applicant should follow.
3. (a) Schemes of Courses and Examinations in the several fields of study, and any amendments thereto, shall be submitted by the Faculty concerned to the Senate for its approval. Each scheme of examination shall indicate whether or not a dissertation will be required, and shall indicate the approximate length of the dissertation and the weight attached to it in relation to the whole examination; it shall also indicate at what stage of the programme each component examination and the submission of the dissertation shall be prescribed.  
(b) In the case of a scheme of examination including elements of continuous assessment, if a student, for good cause, fails to submit a piece of work on time, an extension normally not more than three weeks might be granted by the Head of Department. If the student should then fail to submit the piece of work, final assessment will be based on such work as has been submitted. If a student, for good cause, submits no course work, a special three-hour examination or equivalent may be set in the September of the year in question at the discretion of the Board of Examiners.
4. Full-time candidates for the Degree shall present themselves for final examination as the scheme of examinations shall determine.  
Candidates for the Degree by part-time study may present themselves for examination at the summer diet (or such other time as the scheme may specify) of each year of study for part of the scheme of examination, if the scheme of examination so permits, provided that the whole scheme be covered in not more than three years unless a longer period is stated in the scheme of examinations.  
The examiners may, at their discretion, set a diet in September in appropriate cases for those candidates permitted to re-sit a summer diet examination or for candidates who for good cause failed to sit an examination at the summer diet.  
Deferment may be permitted by the Senate on special cause shown.
5. If a dissertation is required, two typewritten copies must be submitted: the dissertation must be in English, except that where a scheme of examination so permits, it may be written in the language appropriate to the subject. If the Degree is awarded the original dissertation shall remain in the possession of the University.
6. In Faculties where the provision exists for the award of distinction or merit, the Examiners shall have discretion to recommend that the degree be so awarded. Details of the grading scheme, the requirements for the award of the Degree and the criteria for the award of Merit and Distinction are contained in the programme documentation.
7. Taught courses leading to the Degree of MPhil shall be of at least two years in length for full time students. In order to be considered by the Board of Examiner for the award of a Degree, a student must achieve a minimum of 300 credits (at least 270 of which must be at level M).
8. A candidate who fails to satisfy the Examiners for the Degree may be permitted by the Examiners to present for re-examination, on one occasion only and normally not later than two years from the date of his or her first (final) examination, in the whole of the examination, or in a specific component of the examination, as the Examiners may determine in each case; and in such cases the Examiners shall prescribe whether the candidate shall be required to attend the whole programme or specific parts of the programme, or whether he or she may be permitted to present for re-examination without further attendance on the programme. An examination may be made up of components such as examination papers, submitted essays, and such other submitted work as the Examiners may determine.
9. In the Faculties of Arts and Education, a student who fails to maintain satisfactory progress may be required to discontinue studies without presenting himself or herself for examination. This decision will be taken by the relevant Faculty Higher Degrees Committee, no later than the beginning of the spring vacation, on the recommendation of the Head(s) of Department(s) concerned.
10. The Examiners shall have discretion to recommend the award of a Postgraduate Diploma in the appropriate subject area to a student who has completed the course-work part of the MPhil Degree satisfactorily and has

achieved a satisfactory standard in the examinations but who does not proceed, or who is not permitted to proceed, to the dissertation. The Examiners shall have similar discretion in the case of a student who is adjudged not to have achieved MPhil standard after submission of the dissertation.

11. The Examiners shall have discretion to recommend the award of a Postgraduate Certificate in the appropriate subject area to a student who has completed satisfactorily the appropriate part of the course-work as agreed by the Senate on the recommendation of the appropriate Faculty.

### Programmes of Study

The following degrees are governed by the regulations in Schedule A above:

#### Faculty of Medicine

MPhil in Fixed and Removable Prosthodontics

MPhil in Oral & Maxillofacial Surgery

### Schedule B - Master of Philosophy by Research

1. Admission to study for the Degree will normally be granted from the beginning of the academical year.
2. In the Faculties of Arts, Education, and Law, Business & Social Sciences, the normal standard of admission will be that of a Degree with First or Upper Second Class Honours but another qualification, being a qualification approved by the University Court as provided in section 2 of the Resolution, may be accepted by the Faculty as being suitable for the programme of research which it is proposed that the applicant should follow.
3. The minimum period of prescribed research for the Degree shall be one year of full-time study or two years of part-time study. The candidate shall prosecute this research under the supervision of a member of staff from the appropriate subject area appointed by the Faculty Higher Degrees Committee on the recommendation of the Head of Department. The Higher Degrees Committee shall have power for special reasons to permit a candidate to pursue study elsewhere for part of the prescribed period. The Faculty Higher Degrees Committee or Graduate School shall organise a research training course for each research student.
4. (a) On completion of the research the candidate shall present a thesis, normally 30,000 to 40,000 words in length, embodying the results of the work for examination for the degree. The candidate must expect to attend an oral examination.  
 (b) The thesis must normally be written and defended in English. Exceptionally, however, in the Faculty of Arts at the time of application the Faculty Higher Degrees Committee may approve arrangements whereby the thesis may be written and defended in a language other than English. Approval will normally be given only where the use of a language other than English is deemed appropriate by the relevant Department and the Higher Degrees Committee and where the Department and the Higher Degrees Committee are satisfied that appropriate arrangements can be made for supervision and examination.
5. A candidate must submit the thesis for examination within six months of the conclusion of the statutory period of full-time or part-time study specified by regulation. In the Faculty of Arts this period of study shall commence from the date of initial registration as a postgraduate student in that Faculty, and in the Faculty of Law, Business & Social Sciences, the period of study shall commence from the initial date of registration for this degree or for one of the other research degrees available in the Faculty. In exceptional circumstances, and on submission of a stated case, an extension of six months may be approved by the Faculty Higher Degrees Committee.
6. A candidate must submit two bound typewritten or printed copies of the thesis accompanied by a declaration that the research has been carried out and the thesis composed by the candidate, and that the thesis has not been accepted in fulfilment of the requirements of any other degree or professional qualification. The submitted copies of the thesis may be soft-bound but otherwise should generally conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990) which is available for consultation in the University Library or from the Clerk to the Faculty.
7. If the Examiners consider that the thesis, portfolio, or project work has not achieved the standard required for the award of the Degree, the candidate may be permitted to revise the theses, portfolio or project and resubmit it, on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 6 months after the date of the meeting of the Board of Examiners.
8. If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.
9. In addition to these regulations, each student must also comply with the detailed requirements for research degrees published by the relevant Graduate School.

**Schedule C - Master of Philosophy by Research at The Glasgow School of Art**

1. Admission to study for the Degree will normally be granted from the beginning of the academical year.
2. In The Glasgow School of Art the normal standard of admission will be that of a Degree with First or Upper Second Class Honours but another qualification, being a qualification approved by the University Court as provided in section 2 of the Resolution, may be accepted by The GSA as being suitable for the programme of research which it is proposed that the applicant should follow.
3. The minimum period of prescribed research for the Degree shall be one year of full-time study or two years of part-time study.
4. The progress of each research student shall be overseen by a Supervision Committee, appointed for that student. The Committee must meet with the research student at regular intervals: this shall be not less than annually for a meeting of the research student and the full Supervision Committee; meetings between the research student and individual supervisors take place not less than twice per term during term time (pro rata for part-time students). The Supervision Committee shall be comprised of the following:
  - A Director of Studies, who shall be the main supervisor and a member of the academic staff at The Glasgow School of Art, and shall be competent to supervise postgraduate research degrees;
  - A second supervisor(s) as may be appointed by the Research Degrees Sub Committee of the Research Committee of The Glasgow School of Art. The second supervisor may normally be a member of the academic staff at The Glasgow School of Art, or may be external to the School if their particular expertise is relevant to the programme of research being proposed and/or undertaken. The second supervisor shall be competent to supervise postgraduate research degrees;
  - An additional supervisor may be appointed where appropriate, and shall meet the criteria required for appointment as a supervisor of research degrees at The Glasgow School of Art. They may be appointed by the Senate of the University of Glasgow from staff of the University, from the staff of The Glasgow School of Art, or external to both institutions if appropriate. The additional supervisor shall not be required to possess subject expertise in Art, Design or Architecture

The Supervision Committee shall be responsible to the Research Degrees Sub Committee (RDSC) of The Glasgow School of Art, to which it shall report annually. The RDSC shall be responsible to the Academic Council of the Glasgow School of Art for the progress of all research students. The Academic Council shall be responsible to the University Senate.

Candidates must be available for regular supervision by a Director of Studies unless given permission otherwise by the Supervision Committee.

Candidates on a part-time basis must be available for regular supervision throughout their period of study unless given permission otherwise by the RDSC.

5. A candidate must submit for examination within six months of the conclusion of the statutory period of full-time or part-time study specified by the regulation. In exceptional circumstances, and on submission of stated case, an extension of six months may be approved by the Research Degrees Sub Committee.
6. On completion of the research, the candidate shall present a thesis as outlined below, embodying the results of the work for examination for the degree. The candidate must expect to attend an oral examination.

***The Portfolio and the Thesis***

- a) All candidates for the Degree of Master of Philosophy shall present for the approval of the Senate either a portfolio or a written thesis which shall embody the results of the candidate's special study or research, and which shall be accompanied by a declaration signed by the candidate that the portfolio or thesis has been composed by herself or himself. Any written commentary, dissertation, supporting documentation or thesis must be written in English.

Within these regulations, the term portfolio shall be taken to mean a body of original work, comprising one or a number of items, in fine art, craft, design or architecture. The body of work may be presented in material or virtual reality. The work may take the form of objects, images, environments, architectural structures, performances, texts, virtual or conceptual works, software or designs for any of these, or any comparable form. The portfolio may include work of an interdisciplinary character when the predominant discipline is fine art, craft, design or architecture.

The body of original work shall be documented by photographic or other visual process together with any necessary textual material, including labels or notes of explanation written in English. The documentation must be in permanent form. The documentation shall be to a standard whereby a future researcher may recognise the new knowledge represented or embodied within the portfolio, as determined by the Examiners. The documentation shall include references, a bibliography and notes in which the candidate must state the sources from which his or her information is derived, the extent to which he or she has availed himself or herself of the work of others, and the portions of the portfolio and any accompanying written commentary or dissertation which he or she claims as original.

A candidate must submit a written summary of 250-1,000 words. The summary must be an adequate and informative abstract of the work suitable for publication by Glasgow School of Art. The documentation shall become the property of Glasgow School of Art and shall be lodged in the Library of Glasgow School of Art.

A research student may submit his or her portfolio within one of the following categories. An initial proposal of a category should be made by the student within his or her application for registration. A final proposal of category should be agreed by the student and the Supervision Committee and submitted to the Research Degrees Sub-Committee of the Research Committee for approval prior to the examination. Once the category of portfolio has been approved, the content of the portfolio and the arrangements for its exhibition shall be subject to the agreement of the Supervision Committee.

b) Portfolio with Documentation

A candidate may submit for examination a portfolio which in itself represents or embodies new knowledge and which is documented in accordance with the regulations above.

c) Portfolio with Written Commentary

A candidate may submit for examination a portfolio together with a commentary on its production, presentation or context, when such a commentary is necessary to understanding the new knowledge represented or embodied by the body of the work. A written commentary shall normally consist of 1,000 – 2,000 words excluding references, bibliography and appendices. A candidate who wishes to submit a written commentary of lesser or greater length must seek the permission of her or his Supervision Committee.

d) Joint Portfolio and Dissertation

A candidate may submit for examination a portfolio together with an extended written text which, together but not necessarily separately, represent or embody new knowledge. A dissertation shall normally consist of 7,000 – 15,000 words excluding references, bibliography and appendices. A candidate who wishes to submit a Dissertation of lesser or greater length must seek the permission of his or her Supervision Committee.

e) Thesis

In the case of a research student wishing to submit for examination by thesis, whether or not the thesis will relate to a portfolio, the following conditions shall apply.

A candidate must submit a thesis which shall embody the results of the candidate's special study or research, and which shall be accompanied by a declaration signed by the candidate that the thesis has been composed by herself or himself.

The thesis shall be a minimum of 30,000 and a maximum of 40,000 words including references, bibliography and appendices in each case. A candidate who wishes to submit a thesis of greater or lesser length must seek prior permission of his or her Supervision Committee.

A candidate must also submit a written summary of 250 - 1,000 words. The summary must be an adequate and informative abstract of the work suitable for publication by Glasgow School of Art.

7. The Portfolio or thesis shall be examined by a team of Examiners, including at least one internal examiner and one external examiner appointed by the Research Committee on the recommendation of the Research Degrees Sub Committee.
8. All candidates must normally undergo core research training before submitting their thesis for examination.
9. A candidate must submit two bound typewritten or printed copies of the thesis accompanied by a declaration that the research has been carried out and the thesis composed by the candidate, and that the thesis has not been accepted in fulfilment of the requirements of any other degree or professional qualification. The layout and binding of the thesis should generally conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990), a copy of which is available in the Library. If the Degree is awarded, both copies of the thesis shall become the property of The Glasgow School of Art and be deposited in the School Library.
10. If the Examiners consider that the thesis has not achieved the standard required for the award of the Degree, they may recommend to the Research Degrees Sub Committee that the candidate be permitted to revise the thesis and resubmit it, on one occasion only, for the Degree under such conditions as the Examiners may prescribe in each particular case.

## MASTER OF RESEARCH

### Resolution

The Degree of Master of Research is governed by Resolution No 557 of the University Court, which came into effect on 1 September 2006 with provision that:

1. The Degree of Master of Research (MRes) may be awarded by the University of Glasgow in the Faculties of Biomedical & Life Sciences, Education, Law, Business & Social Sciences, Medicine and Physical Sciences.
2. The Senate may make regulations, which are subject to the approval of the University Court, governing the award of the Degree – these are set out in the section entitled 'Regulations' below.
3. The examiners for the Degree shall be such Professors and Lecturers in the University of Glasgow and, if appropriate, a full-time member of staff of a recognised institution as the Senate shall designate, together with such External Examiners as the University Court, on the recommendation of the Senate, shall appoint.
4. The early exit award of Postgraduate Diploma of Research is included in the Regulations.

### Regulations

1. Before being admitted to study qualifying for the Degree of Master of Research, every candidate must satisfy the following conditions, namely:
  - (a) (i) he or she must have obtained a Degree in a University or College recognised for this purpose by the University Court on the recommendation of the Senate, or
  - (ii) he or she must have obtained such other qualifications as may be recognised for this purpose by the University Court on the recommendation of the Senate; and
  - (b) he or she must have fulfilled such other entrance requirements as may be specified for a particular course of study / research;
  - (c) he or she must have satisfied the Senate of his or her fitness to undertake advanced research/study.
2. Candidates may be permitted to pursue a course of prescribed study / research on either a full-time or a part-time basis. The minimum period of study / research for each candidate shall be determined by the appropriate Faculty at the time of his or her admission, according to his or her qualifications and other relevant factors and shall normally be
  - (a) for full-time candidates, either twelve months or two academic years of full-time study / research;
  - (b) for part-time candidates, either two or three academic years of part time study/research. In the Faculty of Law, Business & Social Sciences, except with the permission of the Senate, a candidate is required to complete the programme, including the submission of any dissertation, within 4 years from the date of a full-time candidate's initial registration in the programme or within 5 years from the date of a part-time candidate's initial registration in the programme.
3. The Senate may for special reasons permit a candidate, whether full-time or part-time, to prosecute part of his or her studies elsewhere, in another institution recognised for the purpose by the University Court on the recommendation of the Senate.
4. The Faculty concerned shall designate for each candidate a supervisor who shall report at least once in the year to the Faculty on the progress of the Candidate.
5. Each candidate shall present himself or herself for written examination and shall submit written reports or other work, as prescribed in each syllabus. He or she may also be required to take an oral or practical examination or both. Performance in work assessed during the course may be taken into account in determining the award of the Degree.
6. The examiners may recommend the Degree be awarded with Merit or Distinction.
7. A candidate who fails to satisfy the examiners for the Degree may be permitted by the examiners to present himself or herself for re-examination, on one occasion only and normally not later than two years from the date of his or her first (final) examination, in the whole of the examination, or in a specific component of the examination, as the examiners may determine in each case; and in such cases the examiners shall prescribe whether the candidate shall be required to re-attend the whole course or specific parts of the course, or whether he or she may be permitted to present himself or herself for re-examination without further attendance on the course. An examination may be made up of components such as examination papers, submitted essays, dissertations, laboratory reports, project reports and field reports.
8. The examiners shall have discretion to recommend the award of a Postgraduate Diploma of Research in the appropriate subject area to a student who has gained a minimum of 120 credits.
9. Details of the grading scheme, the requirements for the award of the Degree and the Postgraduate Diploma, and the criteria for the award of Merit and Distinction are contained in the course documentation.
10. (a) A list of institutions, approved by the Faculties of Science Higher Degrees Committee, where candidates may undertake external research projects is held by the Science Faculties Support Unit and by Research and Enterprise.
  - (b) On the recommendation of the Faculty concerned, and of the *Senatus*, the University Court may recognise, in the case of individual candidates, other appropriate institutions for the purpose of §3 of these Regulations, where satisfactory arrangements can be made for the supervision of the candidate.
  - (c) A full-time member of staff of a recognised institution may be nominated to Senate either as a supervisor or as an internal examiner or a member of an examination committee. In such cases, a member of staff from an appropriate subject area in the University shall be appointed in addition.

**Schedule A**

1. Subjects in which the MRes may be offered in the Faculty of Biomedical & Life Sciences are as follows:

Bioinformatics  
 Biomedical Sciences  
 Biomedical Sciences (Anatomy)  
 Biomedical Sciences (Biotechnology)  
 Biomedical Sciences (Cell Engineering)  
 Biomedical Sciences (Infection & Immunity)  
 Biomedical Sciences (Integrative Mammalian Biology)  
 Biomedical Sciences (Medical Biochemistry & Molecular Biology)  
 Biomedical Sciences (Molecular Genetics)  
 Biomedical Sciences (Neuroscience)  
 Ecology & Environmental Biology  
 Evolutionary Biology & Systematics  
 Exercise Science  
 Marine & Freshwater Ecology and Environmental Management  
 Medical and Veterinary Microbiology  
 Molecular Functions in Disease  
 Molecular Parasitology  
 Plant Science  
 Proteomic Technologies  
 Systems Biology

2. Subjects in which the MRes may be offered in the Faculty of Medicine are as follows:

Medical Sciences (Integrative Mammalian Biology)  
 Molecular Medicine

3. Subjects in which the MRes may be offered in the Faculty of Veterinary Medicine are as follows:

Veterinary Sciences (Integrative Mammalian Biology)  
 Virology

**MASTER OF SCIENCE****Resolution**

The Degree of Master of Science (MSc) is governed by Resolution No 558 of the University Court which came into effect on 1 October 2006 with provision that:

1. The Degree of Master of Science (MSc) may be awarded by the University of Glasgow in the Faculties of Arts, Biomedical & Life Sciences, Education, Engineering, Information & Mathematical Sciences, Law, Business & Social Sciences, Medicine and Physical Sciences; the Degrees of Master of Science (Adult & Continuing Education), Master of Science (Adult & Continuing Education (Teaching Adults)), Master of Science (Adult & Continuing Education (Community Development)) and Master of Science (Inter-professional Science Education and Communication) in the Faculty of Education, the Degree of Master of Science (Medical Science) in the Faculty of Medicine, and the Degree of Master of Science (Veterinary Science) in the Faculty of Veterinary Medicine.
2. The Degree of Master of Science may also be awarded on the recommendation of the Scottish Agricultural College.
3. The Degree of Master of Science or the Degree of Master of Science (Inter-professional Science Education and Communication), or the Degree of Master of Science (Medical Science) or the Degree of Master of Science (Veterinary Science) may be conferred (a) *honoris causa* upon persons who have done work deserving of such recognition in any department in the Faculty of Science, Medicine, Engineering and Veterinary Medicine and (b) *iure officii* upon any person holding office in the University who is not already a graduate of the University.
4. The Senate may make regulations, which are subject to the approval of the University Court, governing the award of these Degrees – these are set out in the section entitled ‘Regulations’ below.

**Regulations**

1. Candidates for the Degree may either undertake, subject to the decision of the Faculty concerned, one of the following programmes:
  - (a) research in accordance with the requirements of Schedule A below;
  - (b) a prescribed course of study in accordance with the requirements of Schedule B below;
  - (c) a programme of work-based learning in accordance with the requirements of Schedule C below.
 Research or study in respect of (a) or (b) shall be prosecuted in the University of Glasgow or in another institution recognised for the purpose by the University Court on the recommendation of the Senate, except as provided under Clause 4 below.

2. Before being admitted to study qualifying for the Degree of Master of Science, every candidate must satisfy the following conditions, namely:
  - (a) (i) he or she must have obtained a Degree in a University or College recognised for this purpose by the University Court on the recommendation of the Senate, or a Degree awarded by the Council for National Academic Awards; *or*
  - (ii) he or she must have obtained a diploma or certificate recognised as equivalent to a Degree for this purpose by the University Court on the recommendation of the Senate; *or*
  - (iii) in exceptional circumstances, he or she must have obtained such other qualification(s) as may be recognised for this purpose by the University Court on the recommendation of the Senate; *and*
  - (b) he or she must have fulfilled such other entrance requirements as may be specified for a particular programme of research, study or work-based learning; *and*
  - (c) he or she must have satisfied the Senate of his or her fitness to undertake advanced study.
3.
  - (a) Candidates may be permitted to pursue a course of prescribed study or research on either a full-time or a part-time basis. Full-time candidates must devote the major part of the day to their studies; provided that candidates shall be subject to the same provisions regarding minimum periods of study as full-time candidates if they have pursued their studies while holding appointment as a member of the teaching staff of the University of Glasgow, or as a Research Assistant or Research Fellow of the University of Glasgow paid through the Finance Office or directly by a grant-awarding body approved by the University Court.
  - (b) The minimum period of study for each candidate shall be determined by the appropriate Faculty at the time of his or her admission, according to his qualifications and other relevant factors, and shall normally be:
    - (i) for full-time candidates, either twelve months or two academic years of full-time study;
    - (ii) for part-time candidates, either two or three academic years of part-time study.
  - (c) To qualify for the shorter minimum periods of study specified in (b) above, candidates should normally possess a Degree with Honours of the First or Second Class of an approved University, or a qualification deemed equivalent by the Faculty concerned.
  - (d) Where the longer minimum period of study has been initially prescribed but the candidate has made sufficient progress, the Senate may subsequently reduce the total period of study to not less than twelve months of full-time study or two academic years of part-time study as appropriate.
4. The Senate may for special reasons permit a candidate, whether full-time or part-time, to prosecute part of his or her studies elsewhere, provided that normally at least half of the candidate's total period of study is prosecuted in the University of Glasgow or in a recognised Institution.
5. The Faculty concerned shall designate for each candidate a supervisor who shall report at least once a year to the Faculty on the progress of the candidate.

#### **Schedule A: Master of Science by Research**

1. Research Students within the meaning of Ordinance 350 (General No 12) may be candidates for the Degree of Master of Science, or Master of Science (Medical Science) or Master of Science (Veterinary Science) in any appropriate area of study in the Faculties of Medicine, Science, Education, Engineering or Veterinary Medicine.
2. On completion of the prescribed period of research, each candidate shall present a thesis embodying the results of his work. The thesis must be in English. The thesis may be either a record of original research, or a critical review of existing knowledge. In either case, either a written or an oral examination, or both, may be required, and candidates shall be notified of such requirements through their supervisors.
3. In no case shall the thesis required from a candidate be submitted before the completion of twelve months from the date of his admission as a research student. Except by special permission of the *Senatus*, a thesis may not be presented after the lapse of 12 months from the date on which the candidate ceases to be a registered student.
4. Application for examination for the Degree of MSc, or the Degree of MSc (Medical Science) or the Degree of MSc (Veterinary Science), must be submitted in accordance with the procedures of the appropriate Faculty, details of which may be obtained from the Clerk to the Faculty on request.
5. A Committee of Examiners shall be appointed to examine the thesis of each candidate. The Committee shall consist of one or more members appointed by the *Senatus*, together with one or more external examiners appointed by the University Court on the recommendation of the *Senatus*. The Examiners shall conduct such oral and written examinations as they may desire or as the *Senatus* may prescribe in each case, but in no case shall the examination of the thesis constitute less than half of the final assessment.
6. A candidate must submit two bound printed or typewritten copies of his or her thesis. The thesis must include a summary (250-1,000 words), which must be accompanied by a declaration by the candidate that it has been composed by himself or herself. The candidate must also state the extent to which he or she has availed himself or herself of the work of others, and must further state which portions of the thesis, if any, he or she claims as original. The submitted copies of the thesis may be soft-bound but otherwise should generally conform to the British Standards Institution's *Recommendations for the Presentation of Theses and Dissertations* (BS4821:1990) which is available for consultation in the University Library or from the Clerk to the appropriate Faculty.

7. If the Examiners consider that the thesis, portfolio, or project work has not achieved the standard required for the award of the Degree, the candidate may be permitted to revise the theses, portfolio or project and resubmit it, on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 6 months after the date of the meeting of the Board of Examiners.
8. If approved for the degree, one bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.

#### **Schedule B: Master of Science by Prescribed Courses**

1. The *Senatus* may, on the recommendation of the Faculty concerned, institute courses of study for the Degree of Master of Science, or Master of Science (Inter-professional Science Education and Communication) or Master of Science (Medical Science) or Master of Science (Veterinary Science) or Master of Science (Adult & Continuing Education) or (Economics) or (Economics Finance) or (Organisational Development Practice) or (Managerial Research) or (Research Methods of Psychological Science) in any appropriate subject in the Faculties of Medicine, Information & Mathematical Sciences, Physical Sciences, Education, Engineering, Veterinary Medicine or Social Sciences. Such courses may be made available on a full-time basis or on a part-time basis or both, as shall be specified in the approved syllabus for each course.
2. Syllabuses of Courses and Examinations, and any amendments thereto, shall be submitted by the Faculty concerned to the *Senatus* for its approval. Each syllabus shall include a requirement for a dissertation, which shall consist of a critical review of existing knowledge and/or the report of a project in the field of study, and shall account for at least one-quarter of the weight of the final examination. The general nature and length of the dissertation, and the weight attached to it, shall be indicated in each course syllabus. Two typewritten copies of the dissertation shall be submitted, which shall remain in the possession of the University. The dissertation must be in English.
3. The Faculties and subjects in which, governed by these regulations, the Degree may be awarded are listed below. MSc Degree Programmes governed by the generic regulations for taught masters degrees are identified in Section VI above.
  - Faculty of Engineering
    - See entry for MSc in System Level Integration
  - Faculty of Veterinary Medicine
    - Veterinary Science
4. Candidates for the Degree will normally be admitted only from the beginning of the academical year.
5. The examiners for the Degree shall be such Professors and Lecturers in the University of Glasgow as the *Senatus* shall designate, including the Professor or Lecturer in charge of the department concerned, together with such external examiners as the University Court, on the recommendation of the *Senatus*, shall appoint.
6. Each candidate shall present himself or herself for written examination, and shall also submit a dissertation, as prescribed in each syllabus. He or she may also be required to take an oral or practical examination or both. Performance in work assessed during the course may be taken into account in determining the award of the Degree.
7. A candidate who fails to satisfy the examiners for the degree may be permitted by the examiners to present himself or herself for re-examination, on one occasion only and normally not later than two years from the date of his or her first (final) examination, in the whole of the examination, or in a specific component of the examination, as the examiners may determine in each case; and in such cases the examiners shall prescribe whether the candidate shall be required to re-attend the whole course or specific parts of the course, or whether he or she may be permitted to present himself or herself for re-examination without further attendance on the course. An examination may be made up of components such as examination papers, submitted essays, dissertations, laboratory reports, project reports and field reports.
8. If the Faculty permits the awards of Merit and/or Distinction to be made for any of its Master of Science Degrees, the requirements for the award of Merit and/or Distinction will be contained in the course documentation.

#### **Schedule C: Master of Science by Work-based Learning: General Regulations**

1. The *Senatus* may, on the recommendation of the Faculty concerned, approve a programme of work-based learning for the Degree of Master of Science set out as a personal Learning Programme Agreement between the candidate, and the sponsoring organisation and the University of Glasgow acting in collaboration.
2. The Learning Programme shall be undertaken primarily at the candidate's place of work and shall provide for regular supervision of the candidate throughout the duration of the Programme, provided always that the *Senatus* shall have power in exceptional cases to permit the candidate to pursue elements of the Programme at locations other than the candidate's place of work or the University of Glasgow.

3. The duration of the Learning Programme for the Degree of Master of Science shall be not less than two academic years, provided always that the *Senatus* shall have power in exceptional cases to reduce the period by up to six months.
4. The outcomes of the Learning Programme shall normally be assessed by means of a written report spanning the constituent elements of the Programme and an oral examination. Two typewritten copies of the report shall be submitted, which shall remain in the possession of the University. The report must be in English.
5. Assessment shall be conducted in terms of current regulations.
6. The *Senatus* may, on the recommendation of the Faculty concerned, approve additional requirements specific to a particular programme of work-based learning.

#### **Schedule D: General Provisions**

1. (a) The following institutions are recognised for the purpose of Section 2 of the Resolution:
  - Animal Diseases Research Association, Moredun Research Institute
  - Beatson Institute for Cancer Research
  - Central Public Health Laboratory, Colindale
  - Department of Clinical Physics and Bioengineering of the West of Scotland Health Boards
  - Deutsches Elektronen Synchrotron Laboratory (DESY) Hamburg
  - Dunstaffnage Marine Laboratory
  - European Molecular Biology Laboratory, Heidelberg
  - European Nuclear Research Centre (CERN), Geneva
  - Fisheries Research Services Marine Laboratory, Aberdeen
  - Fisheries Research Services Freshwater Laboratory, Pitlochry
  - Glasgow and West of Scotland Blood Transfusion Service
  - Glaxo SmithKline, Stevenage
  - Hannah Research Institute
  - Institute for Animal Health
  - Institute for Freshwater Ecology, Windermere
  - National Institute for Biological Standards and Control
  - Natural History Museum, London
  - Papworth Hospital
  - Royal Botanic Garden, Edinburgh
  - Scottish Agricultural College
  - Scottish Crops Research Institute, Invergowrie
  - Scottish Universities Environmental Research Centre
  - Specialist Virology Laboratory, Gartnavel General Hospital
  - Universities Marine Biological Station, Millport
  - Veterinary Research Laboratories, Stormont
- (b) On the recommendation of the Faculty concerned, and of the *Senatus*, the University Court may recognise, in the case of individual candidates, other appropriate institutions for the purpose of Section 2 of the Resolution, where satisfactory arrangements can be made for the supervision of the candidate.
- (c) A full-time member of staff of a recognised institution may be nominated to Senate *either* as a supervisor *or* as an internal examiner or a member of a Special Committee. In such cases, a member of staff from an appropriate subject area in the University shall be appointed also.

## **MASTER OF SCIENCE IN CLINICAL LEADERSHIP**

### **Resolution**

The Degree of Master of Science in Clinical Leadership is governed by Resolution of the University Court. The provisions of Resolution No. 611 which, at the time of going to print, are in draft form are as follows:

1. The Degree of Master of Science in Clinical Leadership (MSc) may be awarded by the University of Glasgow in the Faculty of Law, Business & Social Sciences.
2. The Senate may make Regulations, which are subject to the approval of the University Court, governing the award of the Degree - these are set out in the section entitled 'Regulations' below.
3. The award of Postgraduate Certificate is also included in the Regulations.

### **Regulations**

A student admitted onto the programme leading to this award must follow the instructions issued by the Department of Management and be aware of the content of the Programme Document (often referred to as the Programme or 'Course')

Handbook) issued by that Department which will contain further details on the programme and may include further requirements associated with the award.

### 1. Admission

Each candidate shall normally hold a First or Second Class Honours degree from a United Kingdom university, or a qualification deemed by the Senate of the University of Glasgow to be equivalent. Accreditation of prior learning shall be made in accordance with published University guidelines.<sup>23</sup>

### 2. Duration

Each candidate shall pursue research on a part-time basis for a minimum period of two academic years. The maximum period within which each student must complete the programme is five years from the date of initial registration.

### 3. Programme Components

In order to qualify for an award, a candidate must complete minimum credits as follows:

- (a) For the award of a Masters degree: 180 credits, which includes both taught courses and a 120 credit Action Research Project.
- (b) For the award of a Postgraduate Certificate: 60 credits including at least 40 credits at Level M of taught courses.

### 4. Minimum Requirement for the Award of Credits

Credits for courses contributing to a candidate's curriculum shall be awarded subject to the fulfilment of required conditions. The minimum requirements for the award of credits are set out in the Code of Assessment at §16.36 – §16.40 of the chapter *University Fees and General Information for Students* in the University Calendar.

### 5. Assessment

Regulations for assessment are governed by the Code of Assessment at §16 in the *University Fees and General Information for Students* chapter of the University Calendar.

### 6. Progress

A candidate shall be permitted to progress to preparation of the Action Research Project, only if he or she has obtained an average of Grade C in the taught courses referred to in §3 above with no more than 25% of the credits for these courses at grade E and none below grade E.<sup>24</sup> The Programme Document may specify a course or courses in respect of which grade D is a minimum requirement of progression.

### 7. Reassessment of the Action Research Project

Reassessment of the Action Research Project shall be permitted on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Resubmission shall normally be no later than three months after the date of the meeting of the Board of Examiners. There shall be no automatic entitlement to repeat any previous practical work associated with the Action Research Project, or to undertake further practical work.

### 8. Requirements for the award of a Masters degree and rules for award of distinction and merit

- 8.1 A candidate shall be eligible for the award of the degree on obtaining an average of Grade C or better (with no more than 25% of credit at Grade E and none below grade E) in all the taught courses within the programme, as specified in §3 above, and obtaining a grade D or better in the Action Research Project.
- 8.2 A candidate who has achieved Grade C or better in all components and Grade B or above in at least one third of the total credits of the award at the first sitting shall be eligible for the award with Merit.
- 8.3 A candidate who has achieved Grade B or better in all components and Grade A in at least one third of the total credits of the award at the first sitting shall be eligible for the award with Distinction.

### 9. Requirements for the award of a Postgraduate Certificate and rules for award of distinction and merit

The requirement for the award of a Postgraduate Certificate is an average of Grade D in all taught components (60 credits).

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<sup>23</sup> University guidelines are published at <http://senate.gla.ac.uk/academic/policies/aplguidelines.html>

<sup>24</sup> Average grades are determined with reference to the schedule of grades and aggregation scores contained in the University's Code of Assessment. The average is calculated as the arithmetic mean of individual course scores, adjusted to reflect relative weights attributed to the scores being combined. These weights will correspond to the weights (if any) published in programme documentation but otherwise will be determined by the distribution of course credits within the programme.

### MASTER OF SCIENCE IN CRIMINAL JUSTICE

The degree of Master of Science in Criminal Justice will be governed by Resolution of the University Court with provision that the programme is offered by the University of Glasgow and the University of Strathclyde and that awards are made in the name of both Universities. These regulations are drawn up consequent upon the Memorandum of Co-operation between the University of Glasgow and the University of Strathclyde. Students shall be deemed to be students of both Universities and shall observe the respective Ordinances, Resolutions, rules and regulations of both Universities. For the University of Glasgow the Degree of Master of Science in Criminal Justice will be governed by a Resolution of the University Court, which at the date of going to press had yet to come into effect.

Copies of the regulations may be obtained from the Faculty Office in the Faculty of Law, Business & Social Sciences, and are those promulgated by the University of Strathclyde.

### MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE

The degree of Master of Science in Environmental Science will be governed by Resolution of the University Court with provision that the programme is offered by the University of Glasgow and the University of Strathclyde and that awards are made in the name of both Universities. These regulations are drawn up consequent upon the Memorandum of Co-operation between the University of Glasgow and the University of Strathclyde. Students shall be deemed to be students of both Universities and shall observe the respective Ordinances, Resolutions, rules and regulations of both Universities. For the University of Glasgow the Degree of Master of Science in Environmental Science will be governed by a Resolution of the University Court, which at the date of going to press had yet to come into effect.

Copies of the regulations may be obtained from the Faculty Office in the Faculty of Physical Sciences, and are those promulgated by the University of Strathclyde.

### MASTER OF SCIENCE, POSTGRADUATE DIPLOMA AND CERTIFICATE IN MARINE TECHNOLOGY

These programmes are offered by the Universities of Glasgow, Heriot-Watt, Newcastle upon Tyne, Strathclyde, Southampton and University College London. Awards will be made by the individual partner institutions (see Schedule B).

For the University of Glasgow, the Degree of Master of Science, Postgraduate Diploma and Certificate in Marine Technology will be governed by Resolution of the University Court with provision that:

#### 1. General Regulations

- (i) A Student registered for an award within the Programme will be subject to the provisions of the Rules, Regulations, Ordinances and Statutes of the Partner Institution with which he or she is registered.
- (ii) A Student registered for an individual module or for a module offered within the Programme by a Partner Institution(s) [other than, the institution with which he/she is registered for an award] will be subject to the provisions of the Rules, Regulations, Ordinances and Statutes of the Partner Institution(s).

#### 2. Aims and Titles of the Awards

- (i) *Aim:* The programme will provide the marine industry within the UK with an MTP which will enable graduates working in industry to gain the necessary skills training in advanced technologies, management, business and IT. With this training they will be able to provide the necessary leadership and vision to maintain and enhance our 'World Class' status in this industry. The training will be relevant to current problems and functions of the marine sector and will be designed to enhance the industry's knowledge base and improve competitiveness. This will provide students with advanced technical and managerial techniques that can be applied in the marine industry and enable them to take on major responsibilities early in their careers.
- (ii) *Titles:* The Institutions have come together to deliver a joint Programme, however the awards will be in the name of individual institutions. Three awards will be available, the Degree of Master of Science, the Postgraduate Diploma, and the Postgraduate Certificate.<sup>25</sup> Not all the Partners Institutions will offer the Postgraduate Diploma or Postgraduate Certificate<sup>26</sup>, or offer the MSc with Distinction. [See Schedule B]

#### 3. Admission

- (i) *Entry Qualification:* An applicant holding an Honours degree [normally 2(2)] or above of a United Kingdom Institution, or a Degree of any other Institution approved for this purpose, or an equivalent recognised award in an appropriate engineering or scientific discipline, may be admitted to a Programme of study leading to the award of the Degree of Master of Science, Postgraduate Diploma, or Postgraduate<sup>27</sup> or may undertake individual Modules. The Partner Institutions may admit an applicant who is not a graduate provided that the applicant holds professional or other qualifications deemed equivalent for this purpose.

<sup>25</sup> Not offered by the University of Glasgow - see Schedule B

<sup>26</sup> Not offered by the University of Glasgow - see Schedule B

<sup>27</sup> Not offered by the University of Glasgow - see Schedule B

- (ii) *Acceptance Process:* An applicant will only be admitted to a Programme of study leading to the Degree of Master of Science, Postgraduate Diploma, or Postgraduate Certificate<sup>28</sup>, or to take individual Modules, after he / she has first been accepted by the Director of Studies, in accordance with the normal postgraduate admissions procedures of the Institution with which the applicant wishes to register. The admission of an applicant may be subject to additional conditions specified by the Programme Director.
- (iii) *Language Requirement:* An applicant whose first language is not English, will be required to satisfy the Programme Director of an ability to understand and communicate, in both written and spoken English, which is adequate for the purpose of pursuing the course of study. Either before or after the application for admission to the Programme, the Course Director may require the applicant to attend a Programme of instruction and reach a satisfactory standard in the English Language.
- (iv) *Registration:* An applicant for the Degree of Master of Science, Postgraduate Diploma, Postgraduate Certificate<sup>29</sup>, or individual Modules, must be admitted to the Programme at the start of the period of study and shall undertake to comply with the Charter, Statutes, Ordinances, Regulations and Rules of the Institution(s) holding his/her registration, and the Institution(s) where he/she will undertake individual modules.
- an applicant wishing to register for the award of the Degree of Master of Science, will normally register with the institution where his/her Project will be supervised.
  - registration for the Postgraduate Diploma or Postgraduate Certificate<sup>11</sup> may be held at the local Partner Institution or at an institution offering the intended award [See Schedule B].
- An applicant will normally not be allowed to commence a period of study if fees are outstanding.
- Upon registration and annual renewal, when appropriate, the applicant will be deemed to be a "Student", undertaking the postgraduate Programme in Marine Technology.
- (v) *Deferred Registration:* If an applicant wishes to defer making a choice of Project and hence the supervising institution, then it will be necessary to temporarily register, either with the local Partner Institution or the Co-ordinating Institution [University of Newcastle]. Upon subsequently making a choice of Project, and with academic guidance, the Student's registration will then be transferred to the institution supervising that Project. Such registration will normally be permitted only if the Student has completed less than one third of the Programme of study, based upon academic credits. In other exceptional cases, conditional upon approval by the Programme Director, registration may also be transferred.
- (vi) *Retrospective Registration.* As it is permitted to undertake individual taught modules and to receive academic credits, without registering for a postgraduate award, Students may retrospectively register for a postgraduate award and receive retrospective recognition of credits already obtained within this Programme. Such registration will normally be permitted only if the Student has completed less than one third of the Programme of study, based upon academic credits.
- (vii) *Postgraduate Diploma/Postgraduate Certificate*<sup>30</sup>. A Student studying for the Degree of Master of Science shall be deemed also to be qualified for study for the Postgraduate Diploma or Postgraduate Certificate<sup>31</sup>, if the latter is offered by the institution at which the Student is registered. A Student for a Postgraduate Diploma shall be deemed also to be qualified for study for a Postgraduate Certificate<sup>32</sup>, if this is offered by the Institution at which the Student is registered [See Schedule B].

#### 4. Structure of the Programme and Study Requirements

- (i) *Overall Structure of the Programme:* See Schedule A for the structure of the awards available.
- (ii) *Awards and Associated Learning Outcome:* The taught components [modules] each carry the same academic credit and have a similar balance of quantitative and qualitative material, thus the choice for Students lies in the breadth of study and whether to include a Project (compulsory for the MSc/Postgraduate Diploma), to provide experience in Project management.
- Details of the Awards are given in Schedule A. In addition, Individual Taught Modules are available for Students wishing to study a specific topic.
- (iii) *Study Requirements: Master of Science:* Each Student for the award of the Degree of Master of Science is required to undertake a total of 180 credits. 100 credits are selected with academic guidance, from lists to be provided on an annual basis. Students are further required to undertake an 80 credit Project, usually in an industrial institution approved for this purpose. The Project title must be approved by the institution at which the Student is registered. An academic [Project] supervisor from the academic staff at the institution that will supervise the Project, will be appointed by that institution (normally that institution holding the Student's registration) upon receiving a recommendation from the Board of Examiners that the Students progress warrants commencement of the Project. An industrial advisor will normally be appointed from the industrial institution where the Project is to be carried out. A Dissertation describing the Project and the results of the Project will also be required.

<sup>28</sup> Not offered by the University of Glasgow - see Schedule B

<sup>29</sup> Not offered by the University of Glasgow - see Schedule B

<sup>30</sup> Not offered by the University of Glasgow - see Schedule B

<sup>31</sup> Not offered by the University of Glasgow - see Schedule B

<sup>32</sup> Not offered by the University of Glasgow - see Schedule B

- (iv) *Study Requirements: Postgraduate Diploma:* Each Student for the award of Postgraduate Diploma is required to undertake 120 credits, selected with academic guidance, from lists to be provided on an annual basis. A compulsory module is in the form of a "Mini Project" [a 40 credit Project with Dissertation, which is only available to Postgraduate Diploma Students], undertaken in an institution approved for the purpose. A Dissertation describing the Mini-Project and the results of this Project will be required. The Mini-Project title must be approved by the institution at which the Student is registered. The Academic Supervisor will normally be a member of the academic staff in the institution supervising the Mini-Project. An industrial advisor may be appointed from the industrial institution where the Project is being carried out, when deemed to be appropriate by the supervising institution.
- (v) *Study Requirements: Postgraduate Certificate*<sup>33</sup> Each student for the award of Postgraduate Certificate<sup>34</sup> is required to undertake 60 credits, selected with academic guidance, from lists to be provided on an annual basis.
- (vi) *Period of Module Study:* Each taught module will consist of 100 notional study hours of which one week is in residence at the institution that is the module provider. Reading and coursework will be prescribed for the non-residential part of the module.
- (vii) *Assessment and Penalties:* Components of the course work of each taught module will be assessed and Students will normally be required to undertake a supervised written examination or an extensive written report upon completion of the study period for each taught module. The written examinations will be held at a place and time to be published before the start of each taught module. Assessment of the MSc Project will be based upon the written MSc Dissertation and normally a 'viva voce' examination of the Student. Coursework will not normally be accepted after the scheduled submission date. Examinations will be conducted in accordance with the regulations of the institution that is responsible for the delivery of the module or the supervision of the Project.
- (viii) *Module Rate:* Students will normally be required to undertake a minimum of two taught modules per year. Students will be required to undertake the Marine Foundation and Core modules at an early stage of their studies.

## 5. Progression: Taught Modules

- (i) *Assessment:* A Student's understanding of the subject matter and his/her attainment of the learning outcomes for each module, will be assessed from problem solving assignments, a supervised examination and/or an extensive written report.  
External examiners will be nominated by the Board of Studies to act as moderators.
- (ii) *Conditions for Passing a Module:* A Student' will be required to achieve an overall weighted average of 50% in each module and also a minimum of 50% in the Project, to be eligible for a postgraduate award. No module may count towards more than one of the postgraduate awards [Degree, Postgraduate Diploma or Postgraduate Certificate<sup>35</sup>].
- (iii) *Retaking an Examination:* A Student's failing to achieve 50% in a module may be permitted by the Board of Examiners, to present himself/herself, for re-examination on one occasion only, normally at the next available occasion and normally not later than two years from the date of the first examination. The Student will be required to achieve a minimum of 50% at the second sitting. Students who fail to achieve 50% at the second sitting, will be deemed to have failed the module and a re-take or replacement module will not be allowed.
- (iv) *Duration of Study:* The study time and credits required for each award are as follows:

Master of Science: 1800 notional hours: 180 credits at level M

Postgraduate Diploma: 1200 notional hours: 120 credits at level M

Postgraduate Certificate<sup>36</sup>: 600 notional hours: 60 credits at level M

For the Degree of Master of Science, the normal minimum time is 24 months with a maximum time of 60 months, for completion from the initial registration. For the Postgraduate Diploma, the normal minimum time is 24 months and a maximum of 60 months, and for the Postgraduate Certificate<sup>37</sup> the normal minimum time is 12 months and a maximum of 36 months.

For the Degree of Master of Science it is required that all modules shall be satisfactorily completed within the 60 month period from initial registration, although the Board of Studies may grant Students permission for late submission of their MSc Dissertation, provided permission is sought prior to 60 months from initial registration. The allowed extension will be specific to the individual Student's circumstances. Normally only one extension will be allowed.

Upon the recommendation of the Director of Studies at the institution holding the Student's registration, the Board of Studies may extend the maximum period of registration, specified above for a given award, by not more than one year at a time.

<sup>33</sup> Not offered by the University of Glasgow - see Schedule B

<sup>34</sup> Not offered by the University of Glasgow - see Schedule B

<sup>35</sup> Not offered by the University of Glasgow - see Schedule B

<sup>36</sup> Not offered by the University of Glasgow - see Schedule B

<sup>37</sup> Not offered by the University of Glasgow - see Schedule B

- (v) *Distinction*: Students who obtain an average mark of 70% or more, and who are awarded a Dissertation mark of at least 70%, will be eligible for the award of the Degree of Master of Science with Distinction.

No Distinction will be awarded to a Student for the Postgraduate Diploma or Postgraduate Certificate<sup>38</sup>.

## 6. Progression: Project and Dissertation

- (i) *Dissertation Submission*: The Dissertation or Mini-Dissertation may be submitted only after successful completion of the requisite number of taught modules [Sections 3.3, 3.4 and 4.2].
- (ii) *MSc Dissertation*: A Dissertation submitted for the Degree of Master of Science is required to contain a review of relevant material, a description of work undertaken and a detailed discussion of the results and conclusions. A Student must indicate by means of explicit references the citation of the work of others, or work by the Student, which is not part of his/her submission for the Degree. Work submitted for another Degree may not comprise part of the submission for the Degree of Master of Science.

Copies of the Dissertation must be submitted in sewn or hard-bound plain cloth, or in an approved alternative permanent binding, unless the regulations of the institution at which the Student is registered permits the submission in temporary covers, in which case after approval by that institution, copies must be bound in a form which is consistent with the regulations of the institution. Three copies must be submitted for examination to the institution not earlier than one month and normally not later than nine months after the successful completion of the final taught module. Students must provide notice of the intention to submit a Dissertation, together with a declaration that the Dissertation has been composed by the Student himself/herself, not less than one month before the date of submission.

The Dissertation will normally have a length not exceeding 80 pages [single sided, 1.5 line spacing and font size 11 - exact details to be included in the handbook] plus annexes. The Project carries 80 credits at level M with 800 notional hours of study time.

- (iii) *Mini-Dissertation*: A Mini-Dissertation submitted for the Postgraduate Diploma [see Section 3.4] is required to contain either a literature survey with a critical assessment of the technical material, or a report of an experimental Project carried out by the Student, containing details of the work undertaken, the results obtained and detailed conclusions.

Copies of the Mini-Dissertation must be submitted in an approved binding, unless the regulations of the institution at which the Student is registered permits the submission in temporary covers, in which case after approval by that institution, copies must be bound in a form which is consistent with the regulations of the institution. Three copies must be submitted for examination to the institution not earlier than one month and normally not later than nine months after the successful completion of the final taught module. Students must provide notice of the intention to submit a Mini-Dissertation not less than one month before the date of submission.

The Mini-Dissertation will normally be of a length of 40 pages [single sided, 1.5 line spacing and font size 11 - exact details to be included in the handbook] plus annexes. The Mini-Project carries 40 credits at level M with 400 notional hours of study time.

- (iv) *Oral Examination*: A candidate submitting for the Degree of Master of Science will normally be required to attend for an oral examination after submission of the Dissertation, which will normally be held within three months of the submission date. This will be carried out by two Dissertation Examiners and will be arranged by the Director of Studies in that institution.

## 7. Attendance

- (i) *Attendance and Submission of Work*: Attendance at all lectures, classes, laboratory sessions and tutorial periods, is normally compulsory for all Students undertaking a taught module, irrespective of whether they are undertaking a postgraduate course of study or a single taught module. Submission of all coursework will normally be mandatory. Students not meeting these conditions will not be permitted to sit the appropriate written examination.
- (ii) *Absence*: Students unable to attend the residential component of a module will be required to do so at a later date, or will be required to undertake another module, with the agreement of the Director of Studies at the institution where the Student is registered. If a Student is unable to attend a particular full day within the residential component of a module, for reasons of ill health or other good cause, then a medical certificate, or alternative equivalent evidence, will be required. Students missing sessions or lectures of a module should provide written evidence to the Director of Studies. Its acceptance will be at the discretion of the Board of Examiners.
- (iii) *Withdrawal*: The Programme of study shall normally be continuously pursued although a Student may, with the permission of the Board of Studies, withdraw temporarily from the Programme of study. The period of interruption will normally not exceed one year. The time to complete the Programme of study will normally be extended by the duration of the period of interruption.

A Student who wishes to withdraw permanently before the normal completion of the course shall give notice in writing to his/her Director of Studies, who shall inform the Registry or Student Office of the Institution where the Student is registered, and the Programme Director who will be responsible for informing the Board of Studies and reporting the matter to the Board of Examiners.

<sup>38</sup> Not offered by the University of Glasgow - see Schedule B

## 8. Examination Boards, Procedures and Awards

- (i) *Board of Examiners:* The Board of Examiners shall operate as detailed in the Memorandum of Agreement. The minutes of the meetings of the Board of Examiners will be circulated to the Academic Secretaries, or equivalents, in the member Academic Institutions. The Directors of Studies will be required to bring to the meetings all assessed assignments and examination work for all of the Students, at all levels of attainment.
- (ii) *External Examiners:* The External Examiners may be appointed from industry or institutions that are not members of the consortium. External examiners will normally be appointed for three years in the first instance with a limited extension beyond three years being considered on an annual basis. Substitutes will not normally be allowed.

External Examiners will receive all draft examination question papers and, where appropriate, titles of Dissertations. They will be given the examination scripts plus coursework and to read the Dissertations. The annual reports of the External Examiners will be sent by the Programme Director to the various Institution authorities.

- (iii) *Conditions for Award:* Students will qualify for a postgraduate award on the basis of academic credits achieved by successful completion of taught modules and/or a Project, as detailed in Section 5
- taught modules each carry 10 credits
  - the MSc Project Module carries 80 credits
  - the Postgraduate Diploma Mini-Project Module carries 40 credits.

The pass mark in all cases is 50% which must be achieved for each taught module and the Project.

*MSc* - accumulation of 180 credits entitles a Student to the award of the MSc.

*Postgraduate Diploma* - accumulation of 120 credits entitles a Student to the award of a Postgraduate Diploma.

*Postgraduate Certificate*<sup>39</sup> - accumulation of 60 credits entitles a Student to the award of a Postgraduate Certificate.<sup>40</sup>

*Individual Module* - Students who successfully undertake an individual taught module will receive a 'Transcript' from the institution where the module was undertaken.

*Distinction* - A student who shows outstanding performance and who obtains a taught module average mark of 70% or more, and who is awarded a Dissertation mark of 70% or above, will be eligible for the award of the degree of MSc with Distinction. No Distinction will be awarded for the Postgraduate Diploma or Postgraduate Certificate.<sup>41</sup>

- (iv) *Dissertation: Master of Science:* For Students seeking the award of the Degree of Master of Science the Dissertations will be examined by a member of academic staff, as well as the supervisor(s) of the Student, in the institution where the Student is registered. The examiners must recommend one of the following:
- that the Dissertation is of a sufficiently high standard to merit the award of the Degree of Master of Science with Distinction. This will only be possible if the earlier work of the Student merits such a classification.
  - that the Dissertation is of sufficiently high standard to merit the award of the Degree of Master of Science.
  - that subject to minor changes, where the re-typing and re-binding satisfies Section 5.2, the Student be awarded the Degree of Master of Science. The corrected Dissertation must be submitted within the period of six calendar months immediately following the date of recommendation. The revision should satisfy the examiners that the required standard has been met.
  - that the Student be required to resubmit a substantially revised Dissertation within the period of twelve calendar months, immediately following the date of the recommendation. The revision should satisfy the examiners that the required standard has been met.
  - that the Dissertation does not meet the requirement for the award of the Degree of Master of Science. In this case the Board of Studies may decide that achievement in the course work is equivalent to a satisfactory performance in a 40 credit project and therefore a Postgraduate Diploma can be awarded.
- (v) *Dissertation. Postgraduate Diploma:* For Students seeking the award of the Postgraduate Diploma, the Dissertations will be examined by a member of academic staff, as well as the supervisor(s) of the Student, in the institution where the Student is registered. The examiners must recommend one of the following:
- that the Mini-Dissertation is of sufficiently high standard to merit the award of Postgraduate Diploma.
  - that subject to minor changes, where re-typing and re-binding satisfies Clause 5.3, that the Student be awarded the Postgraduate Diploma. The revised Mini-Dissertation must be submitted within the period of six calendar months immediately following the date of the recommendation. The revision should satisfy the examiners that the required standard has been met

<sup>39</sup> Not offered by the University of Glasgow - see Schedule B

<sup>40</sup> Not offered by the University of Glasgow - see Schedule B

<sup>41</sup> Not offered by the University of Glasgow - see Schedule B

- that the Student be required to re-submit a substantially revised Mini-Dissertation within the period of twelve calendar months immediately following the date of the recommendation. The revision should satisfy the examiners that the required standard has been met.
  - that the Mini-Dissertation does not meet the requirement for the award of Postgraduate Diploma, but achievement in the course work merits the award of a Postgraduate Certificate.<sup>42</sup>
- (vi) *Recommendation for an Award:* The Board of Examiners will make the final recommendation. The Degree of Master of Science, Postgraduate Diploma or Postgraduate Certificate<sup>43</sup> will be awarded in accordance with the procedures of the institution at which the Student is registered. No Student shall be entitled to an award unless all fees and any other monies due to the institution have been paid and any rightful property of the institution returned. The names of those who receive awards will be published in a manner appropriate to the awarding institution.
- (vii) *Individual Modules:* Students who undertake modules will be sent a “transcript” for each completed module, giving their provisional mark. This transcript will identify the module and the Institution awarding the credits at Level M. Following the Board of Examiners meeting, the student’s final mark will be issued.
- (viii) *General: Students Progress:* Students will normally be informed of their overall academic progress by the institution holding their registration, working in conjunction with the Co-ordinating Institution where the records will be collated and archived. Students will receive notification of individual results from the institution(s) delivering the module(s), in accordance with that institutions regulations, following the appropriate meeting of the Board of Examiners.
- (ix) *Appeals.* Appeals will only be accepted if they are in writing and submitted to the Programme Director, who will forward the appeals to the institution that is the module convenor, or is examining the Dissertation, providing the appeals are made within the timescale specified by that institution, and are in accord with the regulations of that institution.

### 9. Codes of Discipline

- (i) All students shall be subject to the disciplinary codes of each of the Partner Institutions where the study is undertaken.
- (ii) If an alleged offence is committed within the precincts of one of the Partner Institutions, the disciplinary code of that institution shall apply. When the location of the alleged offence is elsewhere other than within the precincts of one of the Partner Institutions, the Coordinating Institution’s code and procedures shall apply.

### 10. Complaints Procedure

- (i) Any student who wishes to complain about any general aspect of the Programme shall invoke the complaints procedure of the Coordinating Institution (The University of Newcastle).
- (ii) Any student who wishes to complain about a specific service or facility provided by a specific Partner Institution shall invoke the complaints procedure of that institution.

### 11. Appeals

Appeals shall ordinarily be made to, and considered in accordance with the Regulations of, the Partner Institution with which the Student is registered for an award. However, the appeal may be made to the Partner Institution providing a particular module [for example, where the appeal concerns an individual module provided by a Partner Institution other than the institution with which the Student is registered for an award].

### 12. Termination

The Programme of study by a Student may be terminated on the recommendation of his/her Director of Studies and the Board of Examiners, after endorsement by the Board of Studies, that his/her academic progress is considered unsatisfactory (Sections 3.8, 4.3, 4.4). Termination under this provision requires written warning of unsatisfactory performance to be given. A Student may be excluded from this Programme for other than academic reasons in accordance with the provisions of the Rules, Regulations and Ordinances of the institution holding his / her registration or where he / she undertakes the individual modules.

### 13. Amendments

Proposed amendments to these regulations must be submitted to the Board of Studies and the individual Partner Institutions for approval.

<sup>42</sup> Not offered by the University of Glasgow - see Schedule B

<sup>43</sup> Not offered by the University of Glasgow - see Schedule B

## SCHEDULE A

## A. MSc IN MARINE TECHNOLOGY (NAVAL ARCHITECTURE)

or (MARINE ENGINEERING)  
 or (OFFSHORE ENGINEERING)  
 or (SMALL CRAFT DESIGN)  
 or (CLASSIFICATION AND SURVEY)  
 or (CONVERSION AND REPAIR)  
 or (DEFENCE)

Programme Code	Credits	Descriptive Title	Delivering University
(i) Candidates from a non-marine background shall take the following marine foundation modules:			
A1	10	Naval Architecture	Soton
A2	10	Marine Engineering	UCL
(ii) Candidates shall take the following core modules:			
B1	10	Maritime Economics	Strath
B2	10	Marine project management	Ncl
B3	10	Risk, reliability and safety	HW
B4	10	Structural and material response in the marine environment	Glas
	80	Project	
(iii) Candidates shall take the following stream core modules, depending on the chosen stream:			
A. <i>Naval Architecture</i> (NA)			
C1	10	The regulatory framework for the marine industry	Strath
C2	10	Optimisation in engineering design	Ncl
C3	10	Advanced structural design and analysis	Glas
C4	10	Advanced hydrodynamics for design	Soton
B. <i>Marine Engineering</i> (ME)			
C5	10	Advanced marine engineering design	Ncl
C6	10	Marine system identification, modelling and control	Ncl
C7	10	Marine electrical and electronic systems	UCL
C8	10	Marine powering, transmission and propulsion	UCL
C. <i>Offshore Engineering</i> (OE)			
C9	10	Drilling and production process	HW
C10	10	Design of fixed and floating offshore	Glas
C11	10	Pipelines, moorings, umbilicals and risers	HW
C12	10	De-commissioning and re-use of offshore structures	Strath
D. <i>Small Craft Design</i> (SCD)			
C2	10	Optimisation in engineering design	Ncl
C13	10	Lightweight structural design	Glas
C14	10	High speed and Recreational craft	Soton
C15	10	Working craft design	Ncl
E. <i>Classification and Survey</i> (CS)			
C1	10	The regulatory framework for the marine industry	Strath
C3	10	Advanced structural design and analysis	Glas
C5	10	Advanced marine engineering design	Ncl
C16	10	Surveying ships and offshore installations	Ncl
F. <i>Conversion and Repair</i> (CR)			
C1	10	The regulatory framework for the marine industry	Strath
C2	10	Optimisation in engineering design	Ncl
C5	10	Optimisation in engineering design	Ncl
C16	10	Advanced marine engineering design	Ncl
G. <i>Defence</i> (D)			
C3	10	Advanced structural design and analysis	Glas
C6	10	Marine systems identification, modelling and control	Ncl
C8	10	Marine powering, transmission and propulsion	UCL
C17	10	Design synthesis	UCL

- (iv) Candidates, from a marine background, shall take further modules to a value of 20 credits from the list below, to bring their total to 180 credits, subject to the approval of the Director of Studies.

<b>Programme Code</b>	<b>Credits</b>	<b>Descriptive Title</b>	<b>Delivering University</b>
C1	10	The regulatory framework for the marine industry	Strath
C2	10	Optimisation in engineering design	Ncl
C3	10	Advanced structural design and analysis	Glas
C4	10	Advanced hydrodynamics for design	Soton
C5	10	Advanced marine engineering design	Ncl
C6	10	Marine system identification, modelling and control	Ncl
C7	10	Marine electrical and electronic systems	UCL
C8	10	Marine powering, transmission and propulsion	UCL
C9	10	Drilling and production processes	HW
C10	10	Design of fixed and floating offshore systems	Glas
C11	10	Pipelines, moorings, umbilicals and risers	HW
C12	10	De-commissioning and re-use of offshore structures	Strath
C13	10	Lightweight structural design	Glas
C14	10	High speed and Recreational craft	Soton
C15	10	Working craft design	Ncl
C16	10	Surveying ships and offshore installations	Ncl
C17	10	Design Synthesis	UCL

<i>Module</i>	<i>Stream (Compulsory)</i>	<i>Stream (Recommended)</i>
C1	NA, CS, CR	SCD
C2	NA, SCD, CR	ME, OE
C3	NA, CS, D	SCD, CR
C4	NA	OE, D
C5	ME, CS, CR	
C6	ME, D	
C7	ME	D
C8	ME, D	CS
C9	OE	
C10	OE	CR
C11	OE	
C12	OE	
C13	SCD	NA, CS
C14	SCD	NA
C15	SCD	
C16	CS, CR	ME
C17	D	

**B. POSTGRADUATE DIPLOMA IN MARINE TECHNOLOGY (NAVAL ARCHITECTURE)**

*or (MARINE ENGINEERING)  
or (OFFSHORE ENGINEERING)  
or (SMALL CRAFT DESIGN)  
or (CLASSIFICATION AND SURVEY)  
or (CONVERSION AND REPAIR)  
or (DEFENCE)*

Programme Code	Credits	Descriptive Title	Delivering University
1. Candidates from a non-marine background shall take the following marine foundation modules:			
A1	10	Naval Architecture	Soton
A2	10	Marine Engineering	UCL
2. Candidates shall take the following core modules:			
B1	10	Maritime Economics	Strath
B2	10	Marine project management	Ncl
B3	10	Risk, reliability and safety	HW
B4	10	Structural and material response in the marine environment	Glas
	40	Project	
3. Candidates from a marine background, shall take all the following stream core modules, depending on the chosen stream, to bring a total credit value of 120. Candidates from a non-marine background shall take any two modules from their chosen stream.			
<i>A. Naval Architecture (NA)</i>			
C1	10	The regulatory framework for the marine industry	Strath
C2	10	Optimisation in engineering design	Ncl
C3	10	Advanced structural design and analysis	Glas
C4	10	Advanced hydrodynamics for design	Soton
<i>B. Marine Engineering (ME)</i>			
C5	10	Advanced marine engineering design	Ncl
C6	10	Marine system identification, modelling and control	Ncl
C7	10	Marine electrical and electronic systems	UCL
C8	10	Marine powering, transmission and propulsion	UCL
<i>C. Offshore Engineering (OE)</i>			
C9	10	Drilling and production process	HW
C10	10	Design of fixed and floating offshore	Glas
C11	10	Pipelines, moorings, umbilicals and risers	HW
C12	10	De-commissioning and re-use of offshore structures	Strath
<i>D. Small Craft Design (SCD)</i>			
C2	10	Optimisation in engineering design	Ncl
C13	10	Lightweight structural design	Glas
C14	10	High speed and Recreational craft	Soton
C15	10	Working craft design	Ncl
<i>E. Classification and Survey (CS)</i>			
C1	10	The regulatory framework for the marine industry	Strath
C3	10	Advanced structural design and analysis	Glas
C5	10	Advanced marine engineering design	Ncl
C16	10	Surveying ships and offshore installations	Ncl
<i>F. Conversion and Repair (CR)</i>			
C1	10	The regulatory framework for the marine industry	Strath
C2	10	Optimisation in engineering design	Ncl
C5	10	Optimisation in engineering design	Ncl
C16	10	Advanced marine engineering design	Ncl
<i>G. Defence (D)</i>			
C3	10	Advanced structural design and analysis	Glas
C6	10	Marine systems identification, modelling and control	Ncl
C8	10	Marine powering, transmission and propulsion	UCL
C17	10	Design synthesis	UCL

**C. POSTGRADUATE CERTIFICATE IN MARINE TECHNOLOGY<sup>44</sup>**

Programme Code	Credits	Descriptive Title	Delivering University
1. Candidates from a non-marine background shall take the following marine foundation modules:			
A1	10	Naval Architecture	Soton
A2	10	Marine Engineering	UCL
2. Candidates shall take the following core modules:			
B1	10	Maritime Economics	Strath
B2	10	Marine project management	Ncl
B3	10	Risk, reliability and safety	HW
B4	10	Structural and material response in the marine environment	Glas
3. Candidates from a marine background shall take further modules to a value of 20 credits from the list below to bring their total to 180 credits, subject to the approval of the Director of Studies.			
C1	10	The regulatory framework for the marine industry	Strath
C2	10	Optimisation in engineering design	Ncl
C3	10	Advanced structural design and analysis	Glas
C4	10	Advanced hydrodynamics for design	Soton
C5	10	Advanced marine engineering design	Ncl
C6	10	Marine system identification, modelling and control	Ncl
C7	10	Marine electrical and electronic systems	UCL
C8	10	Marine powering, transmission and propulsion	UCL
C9	10	Drilling and production processes	HW
C10	10	Design of fixed and floating offshore systems	Glas
C11	10	Pipelines, moorings, umbilicals and risers	HW
C12	10	De-commissioning and re-use of offshore structures	Strath
C13	10	Lightweight structural design	Glas
C14	10	High speed and Recreational craft	Soton
C15	10	Working craft design	Ncl
C16	10	Surveying ships and offshore installations	Ncl
C17	10	Design Synthesis	UCL

**SCHEDULE B*****MSc with Distinction***

Those Partner Institutions offering the MSc award with Distinction are:

- University of Glasgow
- Heriot-Watt University
- University of Newcastle
- University of Southampton

***Postgraduate Diploma***

Those Partner Institutions offering the Postgraduate Diploma award are:

- University of Glasgow
- Heriot-Watt University
- University of Newcastle
- University of Southampton

***Postgraduate Certificate***

Those Partner Institutions offering the Postgraduate Certificate award are:

- Heriot-Watt University
- University of Newcastle

<sup>44</sup> Not offered by the University of Glasgow - see Schedule B

**MASTER OF SCIENCE (Medicine and Science in Sport and Exercise)**

The MSc and Postgraduate Diploma in Medicine and Science in Sport and Exercise are awarded jointly with the University of Strathclyde and Glasgow Caledonian University, and are currently administered by the University of Strathclyde.

Further information may be obtained at <http://www.strath.ac.uk/sportstudies/pg-info/medsports/index.html>.

**MASTER OF SCIENCE IN STRATEGIC HUMAN RESOURCE MANAGEMENT & ORGANISATIONAL CHANGE****Resolution**

The Degree of Master of Science in Strategic Human Resource Management & Organisational Change is governed by Resolution of the University Court. The provisions of Resolution No. 612 which, at the time of going to print, are in draft form are as follows:

1. The Degree of Master of Science in Strategic Human Resource Management & Organisational Change (MSc) may be awarded by the University of Glasgow in the Faculty of Law, Business & Social Sciences.
2. The Senate may make Regulations, which are subject to the approval of the University Court, governing the award of the Degree - these are set out in the section entitled 'Regulations' below.
3. The award of Postgraduate Certificate is also included in the Regulations.

**Regulations**

A student admitted onto the programme leading to this award must follow the instructions issued by the Department of Management and be aware of the content of the Programme Document (often referred to as the Programme or 'Course' Handbook) issued by that Department which will contain further details on the programme and may include further requirements associated with the award.

**1. Admission**

Each candidate shall normally hold a First or Second Class Honours degree from a United Kingdom university, or a qualification deemed by the Senate of the University of Glasgow to be equivalent. Accreditation of prior learning shall be made in accordance with published University guidelines.<sup>45</sup>

**2. Duration**

Each candidate shall pursue research on a part-time basis for a minimum period of two academic years. The maximum period within which each student must complete the programme is five years from the date of initial registration.

**3. Programme Components**

In order to qualify for an award, a candidate must complete minimum credits as follows:

- (a) For the award of a Masters degree: 180 credits, which includes both taught courses and a 120 credit Action Research Project.
- (b) For the award of a Postgraduate Certificate: 60 credits including at least 40 credits at Level M of taught courses.

**4. Minimum Requirement for the Award of Credits**

Credits for courses contributing to a candidate's curriculum shall be awarded subject to the fulfilment of required conditions. The minimum requirements for the award of credits are set out in the Code of Assessment at §16.36 – §16.40 of the chapter *University Fees and General Information for Students* in the University Calendar.

**5. Assessment**

Regulations for assessment are governed by the Code of Assessment at §16 in the *University Fees and General Information for Students* chapter of the University Calendar.

**6. Progress**

A candidate shall be permitted to progress to preparation of the Action Research Project, only if he or she has obtained an average of grade C in the taught courses referred to in §3 above with no more than 25% of the credits for these

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<sup>45</sup> University guidelines are published at [www.glasgow.ac.uk/senate/academic/policies/aplguidelines.html](http://www.glasgow.ac.uk/senate/academic/policies/aplguidelines.html)

courses at grade E and none below grade E.<sup>46</sup> The Programme Document may specify a course or courses in respect of which grade D is a minimum requirement of progression.

#### 7. Reassessment of the Action Research Project

Reassessment of the Action Research Project shall be permitted on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Resubmission shall normally be no later than three months after the date of the meeting of the Board of Examiners. There shall be no automatic entitlement to repeat any previous practical work associated with the Action Research Project, or to undertake further practical work.

#### 8. Requirements for the award of a Masters degree and rules for award of distinction and merit

- 8.1 A candidate shall be eligible for the award of the degree on obtaining an average of Grade C or better (with no more than 25% of credit at Grade E and none below grade E) in all the taught courses within the programme, as specified in §3 above, and obtaining a grade D or better in the Action Research Project.
- 8.2 A candidate who has achieved Grade C or better in all components and Grade B or above in at least one third of the total credits of the award at the first sitting shall be eligible for the award with Merit.
- 8.3 A candidate who has achieved Grade B or better in all components and Grade A in at least one third of the total credits of the award at the first sitting shall be eligible for the award with Distinction.

#### 9. Requirements for the award of a Postgraduate Certificate and rules for award of distinction and merit

The requirement for the award of a Postgraduate Certificate is an average of Grade D in all taught components (60 credits).

### MASTER OF SCIENCE IN SUPPLY CHAIN MANAGEMENT

The MSc Supply Chain Management is awarded jointly with the University of Strathclyde and Heriot-Watt University. Copies of the University of Strathclyde regulations governing the degree can be obtained from the Faculty Office in the Faculty of Law, Business & Social Sciences.

### MASTER OF SCIENCE, DIPLOMA AND CERTIFICATE IN SYSTEM LEVEL INTEGRATION and MASTER OF SCIENCE, DIPLOMA AND CERTIFICATE IN SYSTEM LEVEL INTEGRATION (by Distance Learning)

The Taught Masters Programme in System Level Integration is offered jointly by the University of Edinburgh, the University of Glasgow, Heriot-Watt University and the University of Strathclyde who together have formed the Institute for System Level Integration. The regulations following are those promulgated by the University of Edinburgh, the administering institution.

#### 1. MSc, Diploma, Certificate and Continuing Education in System Level Integration

The Programme is open to graduating and Continuing Education students who may undertake one or more masters modules in a mixture of study modes including full-time or part-time. It is also possible to carry out a number of these activities in a distance learning mode of study (see regulation 3). On successful completion of a prescribed number of credits, graduating students will be awarded a postgraduate qualification made in the name of all four universities. Continuing Education students who successfully complete one or more masters modules will be awarded credit and will be supplied with an appropriate record of achievement which can be used for formal continuing professional development purposes.

The approved curriculum is composed so that the main theme of the programme is that of System Level Integration. However, a number of optional streams exist that allow students to specialise in a preferred area. In addition, the postgraduate qualifications available share common coursework thus facilitating the transfer in full of completed credit between these awards.

Unless otherwise specified in these course specific regulations, the general regulations of the nominated administering university (presently the University of Edinburgh) shall apply to all students on the Masters Programme in System Level Integration.

##### 1.1 Admissions

###### (a) Entrance Requirements

Candidates must normally possess:

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<sup>46</sup> Average grades are determined with reference to the schedule of grades and aggregation scores contained in the University's Code of Assessment. The average is calculated as the arithmetic mean of individual course scores, adjusted to reflect relative weights attributed to the scores being combined. These weights will correspond to the weights (if any) published in programme documentation but otherwise will be determined by the distribution of course credits within the programme.

- (i) at least a second class honours degree in Computing/ Computer Science or Electronic and/or Electrical Engineering from a university in the United Kingdom; or
- (ii) a qualification deemed by the Institute Management Committee to be equivalent to the above; and/or
- (iii) professional or industrial experience deemed appropriate by the Institute Management Committee

**(b) Entrance Date**

Full-time students shall normally join the programme at the beginning of each academic year (early October). Part-time students may be allowed to join the programme at any appropriate point within the academic year.

**(c) Concurrent Registration and Transfer**

All graduating students shall normally be initially registered concurrently for the postgraduate degree/diploma/certificate until a final decision on the award has been reached. Transfer between awards will normally occur through agreement between the student and Programme Director or as recommended by the Institute Board of Examiners. The Examiners shall have the discretion to recommend that a candidate registered for the Master of Science in System Level Integration transfer to the Postgraduate Diploma or Postgraduate Certificate in System Level Integration. The SCOTCAT credits given for work performed towards the Master of Science shall count towards the alternative award of Postgraduate Diploma or Postgraduate Certificate.

**1.2 Duration of Study**

The minimum and maximum duration of study is dependent on the individual award and applies to graduating students only. The following minimum and maximum duration of study normally applies:

**(a) Normal Minimum Period of Study**

Postgraduate Certificate:	4 months full-time 12 months part-time.
Postgraduate Diploma:	9 months full-time 18 months part-time.
Master of Science:	12 months full-time 21 months part-time.

**(b) Normal Maximum Period of Study**

Postgraduate Certificate:	12 months full-time 3 years part-time.
Postgraduate Diploma:	2 years full-time 5 years part-time.
Master of Science:	2 years full-time 6 years part-time.

**1.3 Nature of Study**

The programme is organised in terms of a set of modules whose successful completion earns a SCOTCAT credit rating (Scottish Master's level). Each SCOTCAT credit accounts for 10 notional hours of student learning activity.

Activities may include lectures, self study, laboratories, seminars, tutorials, case studies, group work, project work, and work experience.

**1.4 Curriculum****(a) Approved List of Taught Modules**

All candidates will undertake activities as set out in the Degree Programme Table.

**(b) Master of Science**

All candidates for the award of Master of Science in System Level Integration will be required to undertake activities totalling 180 or more SCOTCAT credits (Scottish Masters Level) made up of 120 or more SCOTCAT credits (Scottish Masters Level) taken from the approved list of taught modules and normally including ALL compulsory modules. Additionally, there will be a distinctive dissertation reporting on a supervised project whose rating is 60 SCOTCAT credits (Scottish Masters Level). All candidates for the Master of Science will undertake this project activity which must be on an approved topic in System Level Integration.

**(c) Postgraduate Diploma**

All candidates for the award of Postgraduate Diploma in System Level Integration will be required to undertake 120 or more SCOTCAT credits (Scottish Masters Level) taken from the approved list of taught modules normally including ALL compulsory modules.

**(d) Postgraduate Certificate**

All candidates for the award of Postgraduate Certificate in System Level Integration will be required to undertake 60 or more SCOTCAT credits (Scottish Masters Level) taken from the approved list of taught modules normally including ALL compulsory modules.

**(e) Diploma Practical Exercise**

With the permission of the Programme Director, candidates for the award of Postgraduate Certificate or Postgraduate Diploma in System Level Integration may substitute modules from the approved list with a practical exercise of value 20 SCOTCAT credits (Scottish Masters Level). This prescribed/optional practical exercise must be on an approved topic in System Level Integration.

Under instruction from the Institute Board of Examiners, candidates for the award of Postgraduate Certificate or Postgraduate Diploma in System Level Integration may be directed to undertake a practical exercise of value 20 SCOTCAT credits (Scottish Masters Level) as an alternative to resitting failed or incomplete modules.

**(f) Recognition of Prior/External Learning or Experience**

With the approval of the Programme Director, recognition up to a maximum of 45 SCOTCAT credits (Scottish Masters Level), or equivalent, which have not contributed to the award of another degree, may be given for prior/external learning or experience. This recognition will normally be based on relevance to the System Level Integration theme and the award being sought. Credits taken more than five years prior to admission will not be accepted. Maximum credit recognition for the following qualifications applies:

Award Maximum Recognition of Prior/External Learning

Postgraduate Certificate	20 SCOTCAT (Scottish Masters Level)
Postgraduate Diploma	30 SCOTCAT (Scottish Masters Level)
Master of Science	45 SCOTCAT (Scottish Masters Level)

**(g) Continuing Education for Electronics Systems Integration (CEESI)**

With the approval of the Programme Director, recognition up to a maximum of 60 SCOTCAT credits (Scottish Masters Level), or equivalent, which have not contributed to the award of another degree, may be given for prior/external learning or experience gained through the CEESI programme. This recognition will normally be based on relevance to the System Level Integration theme and the award being sought. Credits from CEESI may not be combined with credits from other sources for the purposes of credit recognition. Credits taken more than five years prior to admission will not be accepted. Maximum credit recognition for the following qualifications applies:

Postgraduate Certificate	20 SCOTCAT (Scottish Masters Level)
Postgraduate Diploma	40 SCOTCAT (Scottish Masters Level)
Master of Science	60 SCOTCAT (Scottish Masters Level)

**1.5 Assessment**

**(a) Method of Assessment**

Each module will be assessed by any approved combination of written examinations, continuous assessment, a dissertation, or oral examinations.

**(b) The Institute Board of Examiners**

The Board of Examiners shall consist of: the Programme Director; the co-ordinators of the taught modules; the Heads of the contributing Departments; the External Examiners; and such other members of academic staff of the partner universities as may be required from year to year. The Board shall be chaired by a professor of the nominated administering university. A quorum must include the External Examiners, the Programme Director and a representative from each of the Universities.

**(c) Reassessment**

A candidate whose performance in any activity within a module fails to satisfy the Institute Board of Examiners may be permitted by the Examiners to attempt to pass in that activity on one further occasion only and normally not later than 1 year from the date of the first attempt. In such cases the examiners shall prescribe whether the candidate shall be required to re-attend the whole course or specific parts of the course, or whether the candidate may be permitted to present for re-examination without further attendance on the course.

**1.6 Award**

**(a) Master of Science**

In order to qualify for the award of the Master of Science in System Level Integration, a candidate must have:

- (i) accumulated no fewer than 180 SCOTCAT credits (Scottish Masters Level) on the basis of successful completion of the approved curriculum and/or recognised prior/external learning or experience;
- (ii) a pass in the individual dissertation worth 60 SCOTCAT credits (Scottish Masters Level) included in the total of 180 credits.

**(b) Postgraduate Diploma**

In order to qualify for the award of the Postgraduate Diploma in System Level Integration, a candidate must have accumulated no fewer than 120 SCOTCAT credits (Scottish Masters Level) on the basis of successful completion of the approved curriculum and/or recognised prior/external learning or experience.

**(c) Postgraduate Certificate**

In order to qualify for the award of the Postgraduate Certificate in System Level Integration, a candidate must have accumulated no fewer than 60 SCOTCAT credits (Scottish Masters Level) on the basis of successful completion of the approved curriculum and/or recognised prior/external learning or experience.

**(d) Distinction**

Both the MSc in System Level Integration and the Diploma in System Level Integration may be awarded with distinction.

**1.7 Programme Table**

<i>Course Title</i>	<i>Credits</i>
SLI Methodology Overview	0
System Partitioning	15
IP Block Authoring	15
IP Block Integration	15
VLSI Design	15
Embedded Operating Systems	15
Real Life System Level Integration	8
Dissertation	60
<u>Optional courses</u>	
Introduction to Embedded Software Engineering*	0
Introduction to Hardware Design Automation**	0
Sensor Networks	8
Embedded Networking	8
Microcontrollers and Microprocessors	5
Analog and Mixed Signal Design	15
DSP for Communications	15
FPGA for DSP & Communications	8
Mobile and Multimedia Communications	8
Broadband Networks	8
Introduction to Verification ***	15
Semiconductor Design for Testability ***	15

\*This course is recommended for students with a background in electronic engineering / hardware.

\*\*This course is recommended for students with a background in computer science / software engineering.

\*\*\* Course only available via DL and full-time students need prior agreement from Programme Director.

**2. MSc, Diploma, Certificate and Continuing Education in System Level Integration (by Distance Learning)**

The Programme is open to graduating and Continuing Education students who may undertake one or more masters modules in a part-time, distance learning mode of study. On successful completion of a prescribed number of credits, graduating students will be awarded a postgraduate qualification made in the name of all four universities. Continuing Education students who successfully complete one or more masters modules will be awarded credit and will be supplied with an appropriate record of achievement which can be used for formal continuing professional development purposes.

The approved curriculum is composed so that the main theme of the programme is that of System Level Integration. However, a number of optional streams exist that allow students to specialise in a preferred area. In addition, the postgraduate qualifications available share common coursework thus facilitating the transfer in full of completed credit between these awards.

Unless otherwise specified in these course specific regulations, the general regulations of the nominated administering university (presently the University of Edinburgh) shall apply to all students on the Masters Programme in System Level Integration.

**2.1 Admissions****(a) Entrance Requirements**

Candidates must normally possess:

- (i) at least a second class honours degree in Computing/ Computer Science or Electronic and/or Electrical Engineering from a university in the United Kingdom; or
- (ii) a qualification deemed by the Institute Management Committee to be equivalent to the above; and/or
- (iii) professional or industrial experience deemed appropriate by the Institute Management Committee

**(b) Residence Requirements**

Candidates on this programme will be exempt from any normal on-campus requirements.

**(c) Entrance Date**

Students may be allowed to join the programme at any appropriate point within the academic year.

**(d) Concurrent Registration and Transfer**

All graduating students shall normally be initially registered concurrently for the postgraduate degree/diploma/certificate until a final decision on the award has been reached. Transfer between awards will normally occur through agreement between the student and Programme Director or as recommended by the Institute Board of Examiners. The Examiners shall have the discretion to recommend that a candidate registered for the Master of Science in System Level Integration transfer to the Postgraduate Diploma or Postgraduate Certificate in System Level Integration. The SCOTCAT credits given for work performed towards the Master of Science shall count towards the alternative award of Postgraduate Diploma or Postgraduate Certificate.

**2.2 Duration of Study**

The minimum and maximum duration of study is dependent on the individual award and applies to graduating students only. The following minimum and maximum duration of study applies:

**(a) Normal Minimum Period of Study**

Postgraduate Certificate: 12 months part-time.  
Postgraduate Diploma: 18 months part-time.  
Master of Science: 21 months part-time.

**(b) Normal Maximum Period of Study**

Postgraduate Certificate: 3 years part-time.  
Postgraduate Diploma: 5 years part-time.  
Master of Science: 6 years part-time.

**2.3 Nature of Study**

The programme is organised in terms of a set of modules whose successful completion earns a SCOTCAT credit rating (Scottish Master's level). Each SCOTCAT credit accounts for 10 notional hours of student learning activity.

Modules are available online via Blackboard, a secure managed learning environment, hosted on the ISLI server. Students can access course materials via the internet at any hour of the day from any geographical location. Blackboard is used to give access to learning materials, enhance communications, encourage peer support and monitor student progress. Modules have been carefully planned and structured to assist students pace their learning. Dedicated tutors support students in their studies by a variety of methods, including web-based discussion groups, email and telephone. Some modules have a 2-3 day residential component where students may be required to attend ISLI or a partner institution world-wide for face-to-face tutorials, access to industry design tools/design exercises and to undertake examinations under controlled conditions.

**2.4 Curriculum****(a) Approved List of Taught Modules**

All candidates will undertake activities as set out in the Degree Programme Table.

Candidates studying modules by distance learning will only follow modules provided on this basis unless approval is given by the College Postgraduate Studies Committee. Candidates studying modules delivered through the traditional methods (see regulation 2.) will only be able to study modules by distance learning following approval by the College Postgraduate Studies Committee.

**(b) Master of Science**

All candidates for the award of Master of Science in System Level Integration will be required to undertake activities totalling 180 or more SCOTCAT credits (Scottish Masters Level) made up of 120 or more SCOTCAT credits (Scottish Masters Level) taken from the approved list of taught modules and normally including ALL compulsory modules. Additionally, there will be a distinctive dissertation reporting on a supervised project whose rating is 60 SCOTCAT credits (Scottish Masters Level). All candidates for the Master of Science will undertake this project activity which must be on an approved topic in System Level Integration.

**(c) Postgraduate Diploma**

All candidates for the award of Postgraduate Diploma in System Level Integration will be required to undertake 120 or more SCOTCAT credits (Scottish Masters Level) taken from the approved list of taught modules normally including ALL compulsory modules.

**(d) Postgraduate Certificate**

All candidates for the award of Postgraduate Certificate in System Level Integration will be required to undertake 60 or more SCOTCAT credits (Scottish Masters Level) taken from the approved list of taught modules normally including ALL compulsory modules.

**(e) Diploma Practical Exercise**

With the permission of the Programme Director, candidates for the award of Postgraduate Certificate or Postgraduate Diploma in System Level Integration may substitute modules from the approved list with a practical exercise of value 20 SCOTCAT credits (Scottish Masters Level). This prescribed/optional practical exercise must be on an approved topic in System Level Integration.

Under instruction from the Institute Board of Examiners, candidates for the award of Postgraduate Certificate or Postgraduate Diploma in System Level Integration may be directed to undertake a practical exercise of value 20 SCOTCAT credits (Scottish Masters Level) as an alternative to resitting failed or incomplete modules.

**(f) Recognition of Prior/External Learning or Experience**

With the approval of the Programme Director, recognition up to a maximum of 45 SCOTCAT credits (Scottish Masters Level), or equivalent, which have not contributed to the award of another degree, may be given for prior/external learning or experience. This recognition will normally be based on relevance to the System Level Integration theme and the award being sought. Credits taken more than five years prior to admission will not be accepted. Maximum credit recognition for the following qualifications applies:

Award Maximum Recognition of Prior/External Learning

Postgraduate Certificate	20 SCOTCAT (Scottish Masters Level)
Postgraduate Diploma	30 SCOTCAT (Scottish Masters Level)
Master of Science	45 SCOTCAT (Scottish Masters Level)

**(g) Continuing Education for Electronics Systems Integration (CEESI)**

With the approval of the Programme Director, recognition up to a maximum of 60 SCOTCAT credits (Scottish Masters Level), or equivalent, which have not contributed to the award of another degree, may be given for prior/external learning or experience gained through the CEESI programme. This recognition will normally be based on relevance to the System Level Integration theme and the award being sought. Credits from CEESI may not be combined with credits from other sources for the purposes of credit recognition. Credits taken more than five years prior to admission will not be accepted. Maximum credit recognition for the following qualifications applies:

Postgraduate Certificate	20 SCOTCAT (Scottish Masters Level)
Postgraduate Diploma	40 SCOTCAT (Scottish Masters Level)
Master of Science	60 SCOTCAT (Scottish Masters Level)

**2.5 Assessment**

**(a) Method of Assessment**

As with the on-campus delivery, students are assessed by a combination of examination and coursework. If required, oral examinations may take place following submission of the MSc or Diploma dissertation and / or submission of coursework assignments.

**(b) The Institute Board of Examiners**

The Board of Examiners shall consist of: the Programme Director; the co-ordinators of the taught modules; the Heads of the contributing Departments; the External Examiners; and such other members of academic staff of the partner universities as may be required from year to year. The Board shall be chaired by a professor of the nominated administering university. A quorum must include the External Examiners, the Programme Director and a representative from each of the Universities.

**(c) Reassessment**

A candidate whose performance in any activity fails to satisfy the Institute Board of Examiners may be permitted by the Examiners to attempt to pass in that activity on one further occasion only and normally not later than 1 year from the date of the first attempt. In such cases the examiners shall prescribe whether the candidate shall be required to re-attend the whole course or specific parts of the course, or whether the candidate may be permitted to present for re-examination without further attendance on the course.

**2.6 Award**

**(a) Master of Science**

In order to qualify for the award of the Master of Science in System Level Integration, a candidate must have:

- (i) accumulated no fewer than 180 SCOTCAT credits (Scottish Masters Level) on the basis of successful completion of the approved curriculum and/or recognised prior/external learning or experience;
- (ii) a pass in the individual dissertation worth 60 SCOTCAT credits (Scottish Masters Level) included in the total of 180 credits.

**(b) Postgraduate Diploma**

In order to qualify for the award of the Postgraduate Diploma in System Level Integration, a candidate must have accumulated no fewer than 120 SCOTCAT credits (Scottish Masters Level) on the basis of successful completion of the approved curriculum and/or recognised prior/external learning or experience.

**(c) Postgraduate Certificate**

In order to qualify for the award of the Postgraduate Certificate in System Level Integration, a candidate must have accumulated no fewer than 60 SCOTCAT credits (Scottish Masters Level) on the basis of successful completion of the approved curriculum and/or recognised prior/ external learning or experience.

Distinction: Both the MSc in System Level Integration and the Diploma in System Level Integration may be awarded with distinction.

## 2.7 Programme Table

<i>Course Title</i>	<i>Credits</i>
System Partitioning	15
IP Block Authoring	15
IP Block Integration	15
VLSI Design	15
Embedded Operating Systems	15
Dissertation	60
<u>Optional courses***</u>	
Introduction to Embedded Software Engineering*	0
Introduction to Hardware Design Automation**	0
Sensor Networks	8
Embedded Networking	8
Microcontrollers and Microprocessors	15
Semiconductor Design for Testability	15
Introduction to Verification	15

\* This course is recommended for students with a background in electronic engineering / hardware.

\*\* This course is recommended for students with a background in computer science / software engineering.

\*\*\* With the approval of the Degree Programme Director, students may select suitable courses approved by the 'Continuing Education in Electronic Systems Integration (CEESI)' Consortium: up to 20 credits (Certificate); 40 Credits (PG Diploma); or 60 credits (MSc), in addition to the options available in this list.

## MASTER OF SOCIAL WORK AND DIPLOMA IN SOCIAL WORK

The degree of Master of Social Work (MSW) will be governed by Resolution of the University Court with provision that the programme is offered by the University of Glasgow and the University of Strathclyde and that awards are made in the name of both Universities. These regulations are drawn up consequent upon the Memorandum of Co-operation between the University of Glasgow and the University of Strathclyde. Students shall be deemed to be students of both Universities and shall observe the respective Ordinances, Resolutions, rules and regulations of both Universities. For the University of Glasgow the Degree of Master of Social Work will be governed by a Resolution of the University Court.

Copies of the regulations may be obtained from the Faculty Office in the Faculty of Law, Business & Social Sciences, and are those promulgated by the University of Strathclyde.

## MASTER OF THEOLOGY

### Resolution

The Degree of Master of Theology (MTh) is awarded under Resolution No. 290 of the University Court which came into effect on 24th September 1987. The relevant provisions of the Resolution are as follows:

1. The Degree of Master of Theology may be awarded by the University of Glasgow in the Faculty of Arts.
2. Candidates for the Degree may either undertake research in accordance with the provisions of Schedule A, or undertake a prescribed course of study in accordance with the provisions of Schedule B.
3. Before being admitted to study qualifying for the Degree of Master of Theology a candidate must:
  - (a) have obtained the Degree of Bachelor of Divinity in the University of Glasgow or in another University recognised for this purpose by the University Court on the recommendation of the *Senatus*, provided that the *Senatus* may, with the approval of the University Court, admit a candidate with such other qualifications as it may approve for this purpose or
  - (b) have satisfied the *Senatus* of his or her fitness to undertake advanced study.
4. Candidates may be permitted to pursue a course of prescribed study or research on either a full-time or a part-time basis. The minimum period of study for each candidate shall be one academic year of full-time study or two academic years of part-time study.

Candidates shall be subject to the same provisions regarding minimum periods of study as full-time candidates if they have pursued their studies while holding appointment as a member of the teaching staff of the University of Glasgow, or as a Research Assistant or Research Fellow of the University of Glasgow paid through the Finance Office or directly by a grant-awarding body approved by the University Court.

5. The Faculty shall designate for each candidate a supervisor who shall report at least once a year to the Faculty on the progress of the candidate.
6. The regulations for the degree shall be as stated in the Schedules thereto.
7. Ordinance of the University Court No. 531 (Glasgow No. 143) Degree of Master of Theology, is hereby repealed.

#### **Schedule A - Master of Theology by Research**

1. On completion of the prescribed period of research each candidate shall present a thesis embodying the results of his work. The thesis must be in English and shall not exceed 40,000 words. The candidate may also be required to undergo oral examination.
2. Except by special permission of the *Senatus*, a thesis may not be presented later than four years from the date of the candidate's admission.
3. A candidate must submit two bound typewritten copies of the thesis. The thesis must be accompanied by a declaration by the candidate that the research has been carried out and the thesis composed by the candidate, and that the thesis has not been accepted in fulfilment of the requirements of any other degree or professional qualification. The submitted copies of the thesis may be soft-bound but otherwise should generally conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990) which is available for consultation in the University Library or from the Clerk to the Faculty.
4. The examiners for the Degree shall be such Professors and Lecturers in the University as the *Senatus* shall designate, and such additional examiners as the University Court, on the recommendation of the *Senatus*, shall appoint.
5. If the Examiners consider that the thesis, portfolio, or project work has not achieved the standard required for the award of the Degree, the candidate may be permitted to revise the theses, portfolio or project and resubmit it, on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 6 months after the date of the meeting of the Board of Examiners.
6. If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.

#### **Schedule B - Master of Theology by Prescribed Courses**

1. The *Senatus* may on the recommendation of the Faculty of Arts institute courses of study for the Degree of Master of Theology in any appropriate subjects in the Faculty. Such courses may be made available on a full-time or on a part-time basis.
2. The syllabus for the Degree shall comprise three courses of guided reading and a dissertation on a subject to be approved by the Course Director. Two of the three courses must be taken from the courses offered by the Department of Theology and Religious Studies and one may be taken from such postgraduate level courses in any other department in the Faculty of Arts or Social Sciences as shall from time to time be approved by the Faculty. Any amendments to the list of courses shall be submitted by the Faculty to the *Senatus* for its approval. Each course and the dissertation shall be weighted equally.
3. The examiners for the Degree shall be such Professors and Lecturers in the University as the *Senatus* shall designate, and such additional examiners as the University Court, on the recommendation of the *Senatus*, shall appoint.
4. Each course shall be assessed by 3 x 3000 word essays, the titles of which will be approved by the relevant Course Director, to be submitted no later than 31st May in the final year of the Degree. The dissertation, to be written in English and not exceeding 15,000 words, shall be submitted by 30th September of the final year of the Degree. The title of the dissertation must be approved by the Course Director. The *Senatus* may, on special cause shown and after consideration of a stated case by the Faculty Higher Degrees Committee, defer the submission dates for the essays (but to no later than 6 months after the 31st May deadline) or for the dissertation (but to no later than one year after the 30th September deadline).
5. The Degree shall be awarded on the basis of an average of 60% over the four constituent elements. The Examiners may permit a candidate who does not achieve this level of performance in a particular course to submit one further essay but only one such re-submission shall be permitted in each course. In the case of a dissertation not achieving the minimum level of performance, the Examiners may permit re-submission in a revised form under such conditions as may be prescribed in each case.
6. The Examiners shall have discretion to recommend that the degree be awarded with Distinction to a candidate whose overall performance has averaged at least 70% with no mark in any one component having fallen below 60%.

7. The Examiners shall have discretion to recommend a Diploma award to a student who has completed to a satisfactory standard the course work part of the MTh but who does not proceed, or who is not permitted to proceed, to the dissertation. The Examiners shall have similar discretion in the case of a student who is adjudged not to have achieved the MTh standard after submission of the dissertation.

## MASTER OF VETERINARY MEDICINE

### Resolution

The Degree of Master of Veterinary Medicine (MVM) will be governed by Resolution of the University Court with provision that:

1. The Degree of Master of Veterinary Medicine (MVM) may be awarded by the University of Glasgow in such departments of study in the Faculty of Veterinary Medicine as the *Senatus Academicus* may from time to time determine.
2. Research students within the meaning of Ordinance No. 350 (General No. 12), who have prosecuted in the University of Glasgow, or in an institution recognised for the purpose by the University Court on the recommendation of the *Senatus*, a course of special study or research in accordance with the provisions of that Ordinance, may offer themselves as candidates for the Degree of Master of Veterinary Medicine, under the following conditions, namely:
  - (a) that they have obtained a Degree in Veterinary Medicine and Surgery in a Scottish University or a comparable Degree in Veterinary Science in another University or College recognised for the purpose by the University Court on the recommendation of the *Senatus*, or in exceptional circumstances other qualifications approved by the University Court on the recommendation of the *Senatus*;
  - (b) that they have prosecuted a course of special study or research during a period which may be full-time or part-time.
3. Candidates who have devoted the major part of the day to the object of their research or study shall be regarded as full-time students. In such cases the period of study shall be not less than twelve months. All other candidates shall be regarded as part-time students in whose case the period of study shall normally be not less than twenty-four months.
 

A member of the teaching staff of the University or a person who holds an appointment as Research Assistant or Research Fellow of the University of Glasgow and is paid through the Finance Office or directly by a grant-aiding body approved by the University Court, may notwithstanding offer himself for the Degree of Master of Veterinary Medicine if he has prosecuted a course of special study or research on a part-time basis for a period of not less than twelve months.
4. The *Senatus* may, in certain circumstances, permit graduates of the University of Glasgow to prosecute part of their studies elsewhere, provided that a period of full-time study of not less than four months in total shall be spent in the University of Glasgow or a recognised institution.
5. The *Senatus* shall designate, for each candidate, a supervisor who shall report annually to the *Senatus* on the progress of the candidate.
6. On the completion of the prescribed period of study or research each candidate shall present a thesis embodying the result of his work which may be either a record of original research or a critical review of existing knowledge. Except by special permission of the *Senatus* a thesis may not be presented after the lapse of four years from the date of the candidate's admission.
7. A Committee of Examiners shall be appointed to examine the candidate. The Committee shall consist of one or more members appointed by the *Senatus* together with one or more Additional Examiners appointed by the University Court on the recommendation of the *Senatus*. The Examiners shall conduct such oral and written examinations as they may desire or as the *Senatus* may prescribe in each case.
8. The regulations for the Degree shall be as follows.

### Regulations

1. Admission to study or research for the Degree normally will be from the beginning of the academic year.
2. In no case shall the thesis required from a candidate for the Degree of MVM be presented before the completion of twelve months from the date of his admission as a research student. Where the thesis is not a record of original research, either a written or oral examination or both, shall be required. In other cases a written or oral examination, or both, may be required and candidates will be notified of any such requirements through their supervisors.
3. Application for examination for the Degree of MVM should be submitted to the Clerk of Senate. In cases where a written examination has been prescribed application in any year must be made before the appropriate advertised date.
4. A candidate must submit two bound typewritten copies of his thesis. A copy of an adequate and informative summary (250 - 500 words) shall be bound within each thesis. The submitted copies of the thesis may be soft-bound but otherwise, should generally conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990) which is available for consultation in the University Library or from the Clerk

to the appropriate Faculty. The thesis must be accompanied by a declaration by the candidate that it has been composed by himself. He must also state the extent to which he has availed himself of the work of others, and must further state which portions of his thesis, if any, he claims as original.

5. If the Examiners consider that the thesis, portfolio, or project work has not achieved the standard required for the award of the Degree, the candidate may be permitted to revise the theses, portfolio or project and resubmit it, on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 6 months after the date of the meeting of the Board of Examiners.
6. The candidate's supervisor shall always be a member of the Committee of Examiners.
7. If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.

## X REGULATIONS FOR DOCTORATES

The University awards the following doctorates. These degrees may be awarded jointly with other institutions where the Senate has approved an agreement to this effect. Where such an agreement exists, the degree titles of the partner institution may be used for the award of joint degrees with the University of Glasgow.

<i>Faculty</i>	<i>Degree</i>	
All Faculties	Doctor of Philosophy (PhD)	76
Arts	Doctor of Letters (DLitt)	73
	Doctor of Music (DMus)	75
	Doctor of Science (DSc)	86
Biomedical & Life Sciences	Doctor of Education (EdD)	65
	Doctor of Letters (DLitt)	73
	Doctor of Engineering (EngD)	66
Engineering	Doctor of Science in Engineering (DSc)	87
	Doctor of Science (DSc)	86
Information & Mathematical Sciences		
Law, Business & Social Sciences	Doctor of Laws (LLD)	72
	Doctor of Letters (DLitt)	73
	Doctor of Clinical Dentistry (DClinDent)	62
Medicine	Doctor of Clinical Psychology (DClinPsy)	63
	Doctor of Dental Surgery (DDS)	64
	Doctor of Medicine (MD)	74
	Doctor of Science in Medicine (DSc(Med))	88
	Doctor of Science (DSc)	86
Physical Sciences		
Veterinary Medicine	Doctor of Veterinary Medicine (DVM)	89
	Doctor of Veterinary Surgery (DVS)	89

### DOCTOR OF CLINICAL DENTISTRY

The Degree of Doctor of Clinical Psychology is governed by Resolution of the University Court. The provisions of Resolution No. 580 which, at the time of going to print, are in draft form, are as follows.

1. The Degree of Doctor of Clinical Dentistry (D Clin Dent) may be awarded by the University of Glasgow in the Faculty of Medicine in such designations as may be prescribed by Regulations.
2. The Senate may make Regulations, which are subject to the approval of the University Court, governing the award of the Degree – these are set out in the section entitled 'Regulations' below.

#### Regulations

A candidate admitted to the programme leading to the award of the Degree of Doctor of Clinical Dentistry must follow the instructions issued by the relevant Department and be aware of the content of the Programme Document issued by that Department which will contain further details on the Programme including further requirements associated with the award.

#### 1. Admission

Before being considered for admission to study for the Degree of Doctor of Clinical Dentistry, a candidate must be a Bachelor of Dental Surgery of a Scottish university or another institution recognised for this purpose by the University Court, on the recommendation of the Senate, and shall have been engaged for at least two years in the practice of dentistry. All offers of admission are conditional upon satisfactory health clearance.

#### 2. Duration of Study

The minimum period of study for the award of the degree is three calendar years of full-time study. The maximum period for full-time study is five calendar years of registered study.

#### 3. Programme Components

- 3.1 In order to qualify for the award of the Degree of Doctor of Clinical Dentistry, a candidate must complete a minimum of 540 credits of which 420 must be at SCQF Level 12.
- 3.2 The programme will consist of taught courses, integrated clinical-taught courses, clinical courses and a substantial piece of independent clinical research presented in thesis form amounting to at least 100 credits.
- 3.3 The taught courses will normally be undertaken during the academic session (September – June) and are specified in the relevant Programme Document. Clinical courses run throughout the year. The length, nature and content of the research thesis is specified in the relevant Programme Document.

#### 4. Minimum Requirement for the Award of Credits

Credits for courses contributing to a candidate's curriculum shall be awarded subject to the fulfilment of required conditions. The minimum requirements for the award of credits are set out in the Code of Assessment at §16.36 – §16.40 of the chapter *University Fees and General Information for Students* in the University Calendar.

#### 5. Assessment

Regulations for assessment are, insofar as not modified by these regulations, governed by the Code of Assessment which is contained in the *University Fees and General Information for Students* chapter of the University Calendar.

#### 6. Progress

A candidate must achieve an average of Grade C or better in 180 credits with no more than 25% of credits at Grade E and none below Grade E in order to progress to each further year of study or research.

#### 7. Reassessment

Reassessment of the thesis will be permitted on one occasion only, under such conditions as the Examiners may prescribe in each particular case. Normally, resubmission should be no later than 3 months after the date of the meeting of the Board of Examiners. There is no automatic entitlement to repeat any previous practical work associated with the thesis or to undertake further practical work.

#### 8. Requirements for the award of Degree of Doctor of Clinical Dentistry

A candidate will be eligible for the award of the Degree on obtaining an average of Grade C or better with no more than 25% of credits at Grade E and none below Grade E across all of the components of the programme as specified in §3 above. The Degree may be awarded with the designation 'Orthodontics'.

#### 9. Requirements for the award of Degree of Master of Science (Dent Sci) Primary Dental Care

A candidate will be eligible for the early exit award of the MSc (Dent Sci) Primary Dental Care on obtaining at least an average of Grade C in 180 credits in Year 1; or at least an average of Grade D in 180 credits in Year 2.

#### 10. Requirements for the award of Diploma in Primary Dental Care

A candidate will be eligible for the early exit award of the Diploma in Primary Dental Care on obtaining at least an average of Grade D in 180 credits in Year 1.

### DOCTOR OF CLINICAL PSYCHOLOGY

#### Resolution

The Degree of Doctor of Clinical Psychology is governed by Resolution of the University Court. The provisions of Resolution No. 548 which, at the time of going to print, are in draft form, are as follows.

- 1 The Degree of Doctor of Clinical Psychology (DClinPsy) may be awarded by the University of Glasgow in the Faculty of Medicine.
- 2 The Senate may make Regulations, which are subject to the approval of the University Court, governing the award of the degree - these are set out in the section entitled 'Regulations' below.

#### Regulations

*Opening Statement-* All students admitted onto the degree programme must follow the instructions issued by the relevant Department and be aware of the content of the Programme Document issued by the Department which will contain further details on the Programme including, in some cases, further requirements associated with the degree.

- 1 Before being considered for admission to study for a degree to which these regulations apply, a candidate must normally have obtained a degree qualification at second class upper or first class in Psychology which gives the Graduate Basis for Registration of the British Psychological Society.
- 2 The minimum period of study will normally be three calendar years for full time study, and up to five years for part time study.
- 3 In order to qualify for the award of a degree in the programmes covered in these regulations, the candidate must complete a minimum of 540 credits. At least 420 credits will be at SCQF Level 12. The programme shall consist of taught courses, integrated clinical-taught courses, clinical courses and a substantial piece of independent clinical research presented in thesis form amounting to at least 95 credits. A candidate must achieve a Grade C or better in all course components in each year in order to progress.

The taught courses will be undertaken during the academic session (September –June) and are specified in the relevant Programme document. The taught elements of the integrated clinical taught courses are also undertaken during the academic session (September – June) and are specified in the relevant Programme document. Clinical

courses run throughout the year. The length, nature and content of the research thesis is specified in the relevant Programme Document.

- 4 The minimum requirement for the award of credits for a component of the programme shall be specified by the Department concerned, and given to candidates in writing at the beginning of the course. **This requirement shall normally include a minimum level of compliance with departmental instructions in terms of attendance at taught, integrated taught-clinical and clinical courses, and a specified minimum level of performance in assessed work, class examinations and on clinical courses.** Normally no grade or credits shall be awarded to a candidate who has not met this minimum requirement.
- 5 Candidates are entitled to be re-assessed on a single occasion in any course in respect of which they have achieved a result below a pass grade. Candidates are also entitled to a single resubmission of the thesis, or other substantial piece of work, if they have achieved a result below a pass grade. The grade awarded for any re-assessment will be no higher than pass grade.
- 6 A candidate will be eligible for the award of a degree on obtaining a pass grade or better in all the taught and integrated clinical-taught courses within the programme, as specified in Regulation 3 and obtaining a pass grade or better in the research thesis and other written work.

## DOCTOR OF DENTAL SURGERY

### Resolution

The Degree of Doctor of Dental Surgery is governed by Resolution No. 563 of the University Court which came into effect on 1 September 2006 with provision that:

1. The Degree of Doctor of Dental Surgery (DDS) may be awarded by the University of Glasgow in the Faculty of Medicine.
2. The Senate may make Regulations, which are subject to the approval of the University Court, governing the award of the Degree, and in particular the presentation of the thesis upon which the award shall be based. These are set out in the section entitled 'Regulations' below.

### Regulations

1. (a) A candidate for the Degree shall be a Bachelor of Dental Surgery of a Scottish University or Institution recognised for this purpose by the University Court, on the recommendation of the Senate, and shall have been engaged for at least four years either in scientific work bearing directly on his profession, or in the practice of dentistry.
- (b) A prospective candidate for the Degree of Doctor of Dental Surgery shall submit a brief account of the work on which the thesis will be based. The work must be carried out in the University of Glasgow or an Institution recognised for this purpose by the University Court, on the recommendation of the Senate. Before a candidate offers himself or herself for the Degree of Doctor of Dental Surgery, the Faculty of Medicine shall normally require the prospective candidate to have undertaken a period of full-time registered study of no less than two years, or four years part-time, under the supervision of a member of staff in the Faculty appointed for the purpose. Senate reserves the power, in exceptional cases, to reduce this period by one academic year. A candidate must submit the thesis for examination within four years of registering for full-time study or within six years of registering for part-time study. A candidate holding an appointment as a member of the teaching or research staff of the University of Glasgow, paid through the Finance Office or directly by a grant awarding body approved by the University Court, may register part-time whilst being subject to the same provisions regarding minimum periods of full-time study if he or she devotes the major part of the day, typically 75-80% of his or her time, to research studies.
- (c) A candidate for the Degree shall submit for the approval of the Faculty of Medicine a thesis on any branch of knowledge comprised in or related to the curriculum for the Degree of Bachelor of Dental Surgery and shall normally be required to present himself or herself for oral or other examination in the subject-matter thereof. The thesis must be in English.
2. The thesis shall be presented in accordance with the following regulations:
  - (a) Two copies of each thesis are required. These may be soft-bound but otherwise should generally conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990), which is available for consultation in the University Library or from the Dean of the Faculty of Medicine with whom theses should be lodged.
  - (b) A thesis may be a dissertation written for the purpose, but the results of original observations already published in medical or scientific journals or in the transactions of learned societies or otherwise may be submitted in place of such a dissertation. Such published papers submitted in lieu of a dissertation must be related and accompanied by a statement, preferably in the form of an essay, showing the relationship between the various studies and placing the whole work critically into perspective with the general state of knowledge in the field of investigation to which the candidate's researches are related.
  - (c) A thesis will not be approved unless it gives evidence of original observation and makes a significant new contribution to knowledge. It should include accurate references to the literature of its subject.

- (d) A thesis may be considered unacceptable if it does not conform to accepted national standards of clinical research, ethics or animal welfare. Where original research involves human subjects the candidate will be required to confirm that each study protocol was reviewed in advance and approved by an independent Ethics Review Committee and that appropriate informed consent was obtained. In the case of studies involving laboratory animals, the candidate is required to confirm that the animal care and welfare and the procedures performed are conducted under an appropriate Home Office Licence or other national regulations.
  - (e) A declaration signed by the candidate that the work has been done and written up by himself or herself must be submitted with the thesis. Where material based on work undertaken in collaboration with others is included in the thesis or reprints a separate statement clearly defining the extent of his or her personal contribution must also be submitted by the candidate. If any of the material contained in the thesis has been completed sometime before the date of submission, the candidate in his or her own interests should provide evidence of the originality of such work, for example, published papers. If any part of the subject matter of the thesis has been included in a thesis submitted or already approved for a Degree or Diploma in this or another University, the candidate must make a declaration to this effect and must lodge with his or her thesis a copy of such previously approved thesis and a full statement of the extent of any overlap.
  - (f) An adequate and informative summary of not more than 1000 words should be bound in each copy of the thesis. One further unbound copy of the summary is also required.
  - (g) If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.
  - (h) In the case of a thesis not approved for the Degree of Doctor of Dental Surgery, the Higher Degrees Committee, on the recommendation of the Examiners, may permit a candidate to re-submit the thesis on one occasion only and no later than one year from the date of the original submission.
3. The Examiners for the Degree shall be drawn from the Professors, Readers and Lecturers in the Faculty of Medicine together with such other internal and additional Examiners as the Court shall appoint.

## DOCTOR OF EDUCATION

### Resolution

The Degree of Doctor of Education (EdD) will be governed by Resolution of the University Court with provision that:

- 1 The Degree of Doctor of Education may be awarded by the University of Glasgow in the Faculty of Education (the Faculty).
- 2 The Senate may make Regulations governing the award of the degree, which are subject to the approval of the University Court. These shall be stated under 'Regulations' below.
- 3 The early exit award of Master of Science (MSc) (Advanced Educational Studies) is also included in the Regulations.

### Regulations

- 1 The normal standard of admission shall be:
  - i) possession of a Degree, and
  - ii) possession of a postgraduate qualification, normally at Master's level, in Education or a related discipline (exceptionally entry from Postgraduate Diploma level may be considered), and
  - iii) a minimum of 5 years successful professional experience in a relevant education or training capacity.
- 2 The minimum period of study shall be 4 years of part-time study in the University of Glasgow for applicants where prior learning has been recognised within the terms of Regulation 3. The normal duration of the programme without prior learning shall be 5 years of part-time study.
- 3 Candidates may apply to have prior learning recognised for credit, in accordance with procedures approved by the Higher Degrees Committee of the Faculty and set out in the Programme Handbook. Credit may be granted for up to two of the optional courses referred to in the Regulations.
- 4 The maximum period of study including the submission of the final research thesis or an equivalent portfolio shall normally be 7 years of registered part-time study from the date of initial registration for the Degree. Where the Faculty has approved suspension of study for a period of time, the maximum period of study permitted shall be equivalent to seven years plus the approved period of suspension. Candidates who have reached the time limit without submitting a final research project may apply to the Higher Degrees Committee of the Faculty for an extension of one year, giving

reasons for the delay and evidence of progress. Application for an extension of the period of study must be supported by the supervisor and the Head of Department in which the research is located.

#### 5 Programme of Study

The programme shall consist of three stages which are detailed in the Programme Handbook. To be eligible for the award of the Degree a candidate must successfully complete all 3 stages of the programme.

6. A candidate who leaves the programme without completing all of the courses and the final research project may be awarded the MSc. (Advanced Educational Studies) if he or she has successfully completed four courses within the assessment regulations defined in the Programme Handbook.

#### 7. Assessment

The full criteria for assessment, which includes a description of the grading system used in determining progression (Regulation 8), are set out in the Programme Handbook.

#### 8. Progression

Each candidate for the Degree shall require to satisfy the Examination Board that he or she has achieved the required standard in an appropriate number of courses to progress through the Programme as detailed in the Programme Handbook.

9 Any candidate may request that the Examination Board consider the award of the MSc (Advanced Educational Studies) provided that he or she has satisfactorily completed 4 courses. In the event of such a request being approved, the candidate shall withdraw from the programme.

## **DOCTOR OF ENGINEERING in System Level Integration**

### **Resolution**

The Doctor of Engineering in System Level Integration is offered by the University of Edinburgh, the University of Glasgow, Heriot-Watt University and the University of Strathclyde, and the awards are made in the name of all four Universities. The degree is conducted under the aegis of the Institute for System Level Integration and through the Management Committee of the Institute and is run in co-operation with industrial companies providing sponsorship of students. The University of Glasgow is currently the administering University for the degree programme.

The Degree of Doctor of Engineering in System Level Integration will be governed by Resolution of the University Court with provision that:

1. The Degree of Doctor of Engineering (EngD) in System Level Integration may be awarded as a joint award by the University of Glasgow, the University of Edinburgh, Heriot-Watt University and the University of Strathclyde.
2. Before being admitted to study qualifying for the Degree of Doctor of Engineering in System Level Integration a candidate must normally possess:
  - (i) at least an upper second class honours degree in Computing / Computer Science or Electronic and/or Electrical Engineering from a university in the United Kingdom; or,
  - (ii) a qualification from another university or college specially recognised for the purpose by the University Court on the recommendation of the Senate, as equivalent to the above; or,
  - (iii) a qualification together with professional or industrial experience deemed appropriate by the Management Committee for the degree programme.
3. The minimum period of prescribed study and research for this degree shall be 48 months and the maximum period shall be 5 years. Approximately 25% of that time shall be spent in a structured training programme and the remainder on one or more research projects with academic and industrial supervision. The candidate shall prosecute this research under the guidance of a supervision team, normally including two members of academic staff of the University of Glasgow and/or of other participating Universities, and an Industrial Adviser appointed by the sponsoring company or companies.
4. The Faculty of Engineering, on the basis of advice from the Management Committee of the Institute for System Level Integration, shall consider all matters relating to the Degree and shall report to the Senate thereon. It shall be competent for the Management Committee of the Institute for System Level Integration to make recommendations through the Faculty of Engineering to the Senate with regard to the appointment of examiners for the Degree.
5. The examiners for the Degree shall be such professors and lecturers of the University of Glasgow as the Senate shall designate, together with such professors or lecturers of the other participating Universities as may be appointed for the purpose by these Universities, and such external examiners as may be appointed by the administering University.
6. The Senate may make regulations governing the award of the Degree which are subject to the approval of the University Court. These are stated under 'Regulations' below.

7. The Degree of Doctor of Engineering may be conferred *honoris causa* but shall otherwise be conferred only upon persons who have satisfied the conditions set out in this Resolution and in its associated Regulations.

## Regulations

### 1. Admission

- (a) The Management Committee will recommend to the administering University:
  - (i) the names of applicants to be admitted to the EngD Programme;
  - (ii) what recognition, up to the limit of 120 SCOTCAT credits or equivalent at postgraduate level, may be given to the period which the applicant has completed for the degree of Master of Science in System Level Integration, or for any other relevant postgraduate award, towards the fulfilment of the requirements for the degree of Doctor of Engineering in System Level Integration;
  - (iii) the amount of project work done at postgraduate level which may be incorporated into the thesis submitted for the degree of Doctor of Engineering.
- (b) For each candidate undertaking a course of study leading to the Degree there must be one or more sponsoring companies which will be selected by the Management Committee.
- (c) A candidate awarded the MSc in System Level Integration who wishes to transfer to the EngD programme will be expected to gain a further 60 non-technical credits from the taught schedule. These credits may be undertaken at any time during the remaining period of the EngD programme.

### 2. Duration of Study

- (a) The period of study for the Degree may be extended only in exceptional circumstances on the advice of the candidate's supervisors and on written application from the Management Committee to the administering University.
- (b) The administering University, on the recommendation of the Management Committee, may permit a candidate to suspend his or her registration for a period if good cause is shown and on such conditions as the administering University may prescribe.
- (c) A candidate may be admitted to the programme at any time throughout the academic year.

### 3. Structure of Programme

- (a) Each candidate will take an active role in defining his or her professional development programme in line with the needs of the research project and his or her own aims. He or she will be guided by his or her supervision team in the selection of courses from the range of technical courses, management and business courses, and other credit bearing courses deemed by the EngD Management Committee to be appropriate and in accordance with these regulations.
- (b) The taught component of the programme may be delivered at the Institute for System Level Integration's premises at Livingston, at university campuses, or at independent sites, but all courses will be taught by staff approved by one of the four universities (with the exception of approved external learning). Project work, a requirement of the EngD programme, may be undertaken at the Institute for System Level Integration, in one of the four universities, or in the workplace of a sponsoring company (see below) under the day-to-day supervision of a person nominated by that company and supported by an academic supervisor appointed by the Institute for System Level Integration.

### 4. Course of Study

- (a) A Requirements Profile, which will include the definition of the candidate's research programme, will be drawn up for each candidate by his or her supervision team. The Requirements Profile will be based upon the candidate's needs and aspirations and achievement of the objectives of the EngD programme. The Requirements Profile, which will embrace technical, business, personal, and taught elements of the course, will be compiled in consultation with the candidate.
- (b) Each research theme will normally exhibit the following characteristics:
  - (i) it will be placed in a business context, taking full account of financial and commercial considerations;
  - (ii) it will be expected to lead to journal publications.

### 5. Taught Elements of the Programme

- (a) Each candidate will undertake a number of courses selected from those delivered within the MSc programme in System Level Integration (as set out in the Programme Table of the regulations governing that programme) together with relevant courses selected to support the candidate's research project(s) from: the management and business courses (set out in Schedule A below of the EngD regulations), optional technical courses (set out in Schedule B below of the EngD regulations) available at the collaborating universities, and technical courses from external MSc programmes recommended by the supervision team as appropriate to the candidate's training needs and with prior approval from the Management Committee.
- (b) Within the prescribed duration of the programme, each candidate will be required to achieve from the portfolio of courses indicated in §5(a), 180 credits at SCQF level 11, or equivalent, of which a minimum of

75 credits should derive from courses chosen from the MSc programme in System Level Integration (as set out in the Programme Table of the regulations governing that programme) and 60 credits should derive from courses, selected according to the candidate's Requirements Profile, from Schedule A below of the EngD Regulations.

## 6. Supervision

- (a) Each candidate will be supported by a supervision team which will normally include the primary academic supervisor, a second academic supervisor, an industrial adviser and other academic staff as required to offer expertise in guiding and supporting the candidate's research project.
- (b) The sponsoring company or companies will appoint an industrial adviser for the duration of the programme and, to ensure continuity of the research project, provide an alternative industrial adviser should the first appointee be unable to continue in the role.

## 7. Progress

- (a) Each candidate is expected normally to complete a minimum of 40 credits of taught material in each of his or her first two years of study.
- (b) If, in the opinion of the supervision team, the candidate is not making satisfactory progress, the supervisors will inform him or her of this in writing, with a copy of the letter sent to the Management Committee.
- (c) If the candidate continues to make unsatisfactory progress, he or she may, after due warning and on the recommendation of the Management Committee in consultation with the supervision team, be instructed by the Senate of the administering University to withdraw from the EngD programme.

## 8. Thesis or Themed Portfolio

Each candidate for the EngD will submit either a thesis or a themed portfolio of work which must comply with the following conditions:

- (a) The thesis or themed portfolio must make a significant contribution to the knowledge of the subject and must afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical power.
- (b) For a candidate permitted by the supervision team to submit a themed portfolio of a number of projects, they must be in the standard format and must include the following:
  - (i) a succinct bound summary which describes the contribution to knowledge and innovation demonstrated by the candidate;
  - (ii) clear evidence, either directly or indirectly, of the relationship between each project through demonstrable relevance to the doctoral programme.
- (c) The thesis or themed portfolio must be written in English. The literary presentation must be satisfactory and must be suitable for publication either as submitted or in an amended form.
- (d) The thesis or themed portfolio must be the candidate's own account of his or her research and must be accompanied by a declaration to this effect signed by the candidate. It may describe work done in conjunction with the supervisors or other persons, provided that the candidate clearly states his or her own personal share in the investigation, and that both academic and industrial supervisors certify his or her statement.
- (e) The thesis or themed portfolio must not normally exceed 80,000 words and must not normally exceed 400 pages in length, including appendices. In exceptional circumstances and, provided that permission is sought at a sufficiently early stage, the administering University, on the advice of the Management Committee, may permit a candidate to exceed the stated maximum length.
- (f) Four copies of the thesis or themed portfolio must be presented for consideration by the examiners. The initial presentation of the thesis or themed portfolio may be made in a temporary binding to enable appropriate changes to be made prior to its formal acceptance by the administering University.
- (g) After the thesis or themed portfolio has been approved for the Degree of EngD, the successful candidate will normally be required to deposit two copies of it, these to become the property of the Universities. The successful candidate will be required to provide an additional copy in an electronic format conforming to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make a bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.
- (h) The thesis or themed portfolio must conform in layout, binding, and presentation to the requirements prescribed by the administering University. The thesis or themed portfolio must contain an abstract, preferably not exceeding 200 words. Six additional copies of the abstract must be submitted on the appropriate form for examination and library purposes.
- (i) The Degree of Doctor of Engineering (EngD) will not be awarded in respect of a thesis, themed portfolio, or published work already submitted elsewhere in support of an application for a degree.

- (j) The thesis or themed portfolio for the degree of EngD shall normally be presented for examination within 5 years from the date when a student first registered for the programme. Where prior learning has been used towards the fulfilment of the requirements of the degree, this period will be reduced by 8 months if the incorporated prior learning is the maximum 120 credits; otherwise this period will be reduced by 4 months where the incorporated prior learning is 60 credits or greater. Where the Faculty has approved suspension of study for a period of time, the maximum period of study permitted shall be adjusted accordingly.

## 9. Assessment

- (a) Each candidate will be assessed on all taught components of the Requirements Profile and on the thesis or themed portfolio.
- (b) Each candidate is required to obtain at least a grade C, or equivalent, for all taught components of the Requirements Profile before submission of his or her thesis or themed portfolio for examination.
- (c) A candidate whose performance in any course does not meet the standard required in §9(b) may attempt to reach the requisite standard for that course on one further occasion. In such cases, the examiners will prescribe whether the candidate shall be required to re-attend for the whole course or specific parts of the course, or whether he or she may be permitted, without further attendance, to submit for re-examination in the course, or to resubmit specific assignments for reassessment.
- (d) An oral examination of the candidate must be held in the presence of all of the examiners of the thesis or themed portfolio. The candidate may be questioned on any output of the thesis or themed portfolio and training programme in order to satisfy the examiners that the objectives of the programme have been met.

## 10. Examiners

- (a) The administering University, on the recommendation of the Management Committee, will appoint for each candidate at least two external examiners and one internal examiner who will be the examiners of the thesis or themed portfolio. When making this recommendation to the administering University, the Management Committee will confirm that the candidate had passed all taught components of the Requirements Profile to the satisfaction of the examiners.
- (b) One external examiner will be responsible for assessing the candidate's technical ability and the other, the candidate's management skills and understanding of the industrial context of the research project.
- (c) The examiners will submit a report on the thesis or themed portfolio to the administering University.

## 11. Recommendation of the Examiners of the Candidate's Thesis or Themed Portfolio

The examiners of the candidate's thesis or themed portfolio will recommend to the Senate of the administering University one of the following outcomes:

- (a) the Degree be awarded unconditionally.
- (b) the Degree be awarded subject to certain minor corrections of detail or of presentation specified by the examiners. These shall not involve changes of substance to the thesis or themed portfolio. The corrections shall normally be carried out within one month of receipt of the specifications to the satisfaction of the internal examiner.
- (c) the Degree be awarded subject to certain changes of substance in a specific element or elements of the thesis or themed portfolio specified by the examiners. These shall not involve a revision of the whole thesis or themed portfolio or of a major proportion of it. They may, however, include a requirement to carry out a further period of research in order to strengthen the thesis or themed portfolio. The revisions shall be carried out within a timescale determined by the examiners and shall be confirmed by the internal and both the external examiners.
- (d) the thesis or themed portfolio as a whole is unacceptable. The candidate is invited to resubmit the thesis or themed portfolio taking account of the comments of the examiners. The resubmitted thesis or themed portfolio will be examined on one occasion only. It will be resubmitted within a timescale to be determined by the examiners but normally no later than twelve months after the date of the joint report notifying the candidate of the requirements for revision. A resubmission fee will be charged to cover the examining costs.
- (e) the thesis or themed portfolio as a whole is unacceptable for the award of a Doctoral degree. The candidate is invited to revise and resubmit the thesis or themed portfolio for a Masters degree from one of the collaborating institutions.
- (f) no degree be awarded.

## 12. Award

- (a) A candidate who has complied with all the conditions for the award of the degree of Doctor of Engineering will be entitled to receive the degree.
- (b) The Degree will be awarded jointly by all four universities but the Degree will be conferred at a Congregation of the administering University.

### 13. Academic Appeals

The appeals procedure of the administering University shall normally apply.

#### Schedule 'A' - Optional Taught Components – Non-Technical

The taught, non-technical components of the EngD in System Level Integration may be drawn from the list below of Masters level Business and Management courses available at Heriot Watt University and the Universities of Edinburgh, Glasgow and Strathclyde, and from a list of subjects approved from time to time by the awarding institutions.

<i>Course Title</i>	<i>Taught by</i>	<i>Credits</i>
Business Studies for EngD Research Engineers	Glas	60
Accounting	HW	20
Alliances & Partnerships	HW	20
Competitive Strategy	HW	20
Consumer Behaviour	HW	20
Corporate Governance	HW	20
Corporate Reputation, Branding & Managing People	HW	20
Credit Risk Management	HW	20
Decision Making Techniques	HW	20
Derivatives	HW	20
Developing Effective Managers & Leaders	HW	20
Economics	HW	20
Employee Relations	HW	20
Finance	HW	20
Financial Risk Management	HW	20
Human Resource Development	HW	20
Influence	HW	20
International Marketing	HW	20
Introduction to Business Research 1	HW	20
Introduction to Business Research 2	HW	20
Introduction to Business Research 3	HW	20
Leadership	HW	20
Making Strategies Work	HW	20
Managing People in Changing Context	HW	20
Managing People in Global Markets	HW	20
Marketing	HW	20
Marketing Channels	HW	20
Marketing Communications	HW	20
Marketing Research	HW	20
Mergers & Acquisitions	HW	20
Negotiation	HW	20
Organisational Behaviour	HW	20
Performance Management	HW	20
Practical History of Financial Markets	HW	20
Project Management	HW	20
Quantitative Methods	HW	20
Research Methods for Business & Management	HW	20
Strategic Planning	HW	20
Strategic Risk Management	HW	20
Advanced Marketing Strategy	Strath	6
Business Marketing Relationships	Strath	6
Change Agency	Strath	6
E-Commerce	Strath	6
Effective Project Management	Strath	6
Entrepreneurial Finance	Strath	6
Entrepreneurship: a Company-Based Investigation	Strath	15
Global Operations Strategy	Strath	6
Innovation and New Product Development	Strath	6
International Human Resource Management	Strath	6
Judgement & Decision Analysis	Strath	6
Leadership	Strath	6
Managing Financial Resources	Strath	21
Managing for Shareholder Value	Strath	6
Managing Integrated Marketing Communications	Strath	6
Managing People in Organisations	Strath	12
Marketing Management	Strath	12
New Venture Creation	Strath	6

<i>Course Title</i>	<i>Taught by</i>	<i>Credits</i>
Organisational Change & Development	Strath	6
Performance Management & Appraisal	Strath	6
Project Risk analysis & Management	Strath	6
Reflexive Management Practice	Strath	6
Security Analysis	Strath	6
Strategic Financial Management	Strath	6
Strategy – Why Decisions Fail	Strath	6
Technology Entrepreneurship – Accessing Resources	Strath	15
Technology Entrepreneurship – In-company Investigation	Strath	15
Technology Entrepreneurship – Opportunity Recognition: Entrepreneurial Search and Insight	Strath	15
Technology Entrepreneurship - Technology Venture Management	Strath	15
The Learning Manager	Strath	3
Understanding Change in Organisation	Strath	6

### Schedule 'B' – Optional Taught Components - Technical

The taught technical components of the EngD in System Level Integration may be drawn from the list below of Masters level technical courses available at Heriot Watt University and the Universities of Edinburgh, Glasgow and Strathclyde, and from a list of subjects approved from time to time by the awarding institutions.

<i>Course Title</i>	<i>Taught by</i>	<i>Credits</i>
Adaptive Signal Processing	Edin	10
Advanced Concepts in Signal Processing	Edin	10
Advanced Databases	Edin	10
Advanced Digital Communications	Edin	20
Advanced Vision	Edin	10
Applied Databases	Edin	10
Array Processing Methods	Edin	10
Automated Speech Recognition	Edin	10
Automatic Speech Recognition	Edin	10
Compiler Optimisation	Edin	10
Computer Networking	Edin	10
Data Mining and Exploration	Edin	10
Design and Analysis of Parallel Algorithms	Edin	10
Digital Communication Fundamentals	Edin	10
Discrete-Time Signal Analysis	Edin	10
Distributed Systems	Edin	10
Energy and Environmental Economics	Edin	10
Image Processing	Edin	10
Image Processing with MATLAB	Edin	10
Mechanical Engineering: Fundamentals of Renewable Energy	Edin	10
Parallel Architectures	Edin	10
Parallel Programming Languages & Systems	Edin	10
Power Systems Engineering & Economics	Edin	20
Principles of Wind Energy	Edin	10
Probabilistic Modelling & Reasoning	Edin	10
Renewable Energy Engineering	Edin	20
Signal Processing with MATLAB	Edin	10
Software Architecture, Process, & Management	Edin	10
Statistical Signal Processing	Edin	20
Analogue CMOS Circuit Design	Glas	20
Digital Image Processing	Glas	10
Grid Computing	Glas	10
Machine Learning	Glas	10
Micro and Nano Technology	Glas	20
Microwave & Millimetre Wave Circuit Design	Glas	20
Optical Communications	Glas	20
VLSI Design & CAD	Glas	20
Adv Renewable Energy Engineering	HW	15
Advanced Physical Instrumental Techniques	HW	15
Computational Fluid Dynamics with Heat Transfer	HW	15
Demand Management & Energy Storage	HW	15
Design, Modelling and Packaging of MEMS	HW	15
Digital Design	HW	15
Distributed Generation	HW	15
Electric Power Systems	HW	15

<i>Course Title</i>	<i>Taught by</i>	<i>Credits</i>
Embedded Software	HW	15
Embedded Systems	HW	15
Foundations of Energy	HW	15
Fundamentals of Photonics & Micromechanics	HW	15
Heat Transfer & Heat Exchangers	HW	15
High Voltage Engineering	HW	15
Image Processing (VIBOT)	HW	15
Laser Applications & Engineering	HW	15
Manufacturing processes in MEMS	HW	15
Microstructure and Properties of Materials	HW	15
Nanochemistry	HW	15
Networks & Communications	HW	15
Numerical Computation & Statistics	HW	15
Principles of Mobile Comms	HW	15
Process Engineering 1	HW	15
Process Intensification	HW	15
Renewable Energy Technologies	HW	15
Renewable Generation & Conversion	HW	15
RF MEMS	HW	15
RF Mobile Communication systems	HW	15
Sensors and Actuators	HW	15
Software Engineering 1	HW	15
Software Engineering 2	HW	15
Sustainable Processing	HW	15
Communications Networks	Strath	12
Communications Theory	Strath	12
DSP Theory	Strath	12
Multimedia Signal & Image Processing	Strath	12
Simulation and Design Software for DSP and Control	Strath	12

## DOCTOR OF LAWS

### Resolution

The Degree of Doctor of Laws is awarded under The Scottish Universities Ordinance No. 1, which came into force in October 1957. The following are the relevant provisions of that Ordinance.

1. (a) Graduates who have taken a Degree in a Scottish University may offer themselves for the Degree of Doctor of Laws (LLD) in that University after the expiry of seven years from the date of such graduation.
- (b) It shall be open to the *Senatus Academicus* of each University with the approval of the University Court, to exempt from the requirement in the foregoing sub-section respecting previous graduation in that University any person who for a continuous period of not less than four academic years has held such office or offices in that University as the *Senatus Academicus* may approve, provided that not less than seven years shall have elapsed from the date of his first graduation in any University.
2. All candidates for the Degree of Doctor of Laws shall present written work not previously submitted for any Degree of any University which shall be approved for the award of the Degree only if the *Senatus Academicus* deems the work to be of sufficient merit as constituting an original and substantial contribution to the study of Law. The work shall be accompanied by a declaration signed by the candidate that it has been composed by himself. If the work has not been published in full, then, before being submitted, it shall have been published so far and in such manner as the *Senatus Academicus* accepts as reasonable in the circumstances. Two copies of the work, if approved for the Degree, shall be deposited by the candidate in the University Library
3. The *Senatus Academicus* of each University shall appoint such Professors, Readers or Lecturers as it may think suitable to examine the work submitted by candidates who may offer themselves for the Degree of Doctor of Laws and the University Court shall, after consultation with the *Senatus Academicus*, appoint one or more additional examiners to act along with them in adjudicating on the merits of the work submitted by the candidates. Every such additional examiner shall be a person of recognised eminence in the subject of the work presented by the candidate.
4. The fee to be paid by a candidate for the Degree of Doctor of Laws shall be fixed from time to time by the University Courts of the four Universities. The said fee shall be payable on each occasion on which the candidate offers himself for the Degree.
5. The Degree of Doctor of Laws shall not in any case be conferred upon any person who has not satisfied the conditions hereinbefore set forth, provided that nothing in this Ordinance shall be held to restrict or govern the conferment of that Degree *honoris causa* according to the terms of Ordinances by which the conferment of the Degree of Doctor of Laws *honoris causa* is now or may hereafter be regulated.

6. The *Senatus Academicus* of each University shall have power to make such additional regulations governing the conferment of the Degree as may be approved by the University Court.

### Regulations

1. Application for the Degree shall be made by letter addressed to the Clerk of Senate, which shall be accompanied by two copies of each item of the written work submitted in support of the application and of any connective statement required under Regulation (2) hereof, and also by a declaration signed by the applicant certifying that all the written work submitted has been composed by himself, that it has not been previously submitted either successfully or unsuccessfully for the award of any Degree of any University, and stating, in the case where the applicant is submitting work not completely published, the extent to which it has been published and what efforts have been made to have the work published in full. The applicant must furnish any further information on these matters which may be requested by the *Senatus Academicus*.
2. Before acceptance of candidature for the degree applicants must supply to the Secretary of the Faculty of Law, Business & Social Sciences two copies of an adequate and informative abstract of the work of approximately 1000 words along with a list of the publications that will support the work. The Faculty of Law, Business & Social Sciences may decline to proceed to examine the work if the work of the summary and list of supporting publications does not in its opinion show evidence of sufficient standard or originality.
3. The written work submitted in support of an application may have been published in full, or be partly published and partly unpublished. It should preferably take the form of one or more books or other substantial and independent pieces of writing. Papers published in periodicals of recognised standing under various titles may be submitted, either alone or in conjunction with other work, published or unpublished, only if all the papers and other items of work which are not by themselves substantial and independent pieces of writing form parts of a larger unity or unities, and are accompanied by a separate statement extending to about 500-1,000 words composed by the applicant showing the connection between the various writings, their relation to the theme of the whole work, and the results and conclusions of the whole body or bodies of writings on which the application is based.
4. The *Senatus Academicus* shall consider the application and declaration and shall remit the works submitted in support thereof to the Committee of Examiners provided for in Section III of the Ordinance only if satisfied in all respects with the candidate's declaration and, in particular, that publication has been made so far and in such manner as is reasonable in the circumstances. If the *Senatus Academicus* rejects the application on the ground that in any respect it has not been satisfied by the candidate's declaration, the works shall be returned to the applicant without prejudice to their resubmission at a later date in changed circumstances. If the *Senatus Academicus* accepts the application, admits the applicant to candidature for the Degree, and remits the works to the Examiner, both copies of all the works submitted shall become the property of the University, whether they are ultimately approved for the award of the Degree or not, and the candidate shall be then liable to pay the fee fixed for the Degree.

### DOCTOR OF LETTERS

The Degree of Doctor of Letters is awarded under The Scottish Universities Ordinance No. 6, which came into force in October 1959. The following are the relevant provisions of that Ordinance.

1. The Degree of Doctor of Letters (DLitt) may be conferred in each of the Scottish Universities.
2. A graduate of any of the Scottish Universities may offer himself for the Degree of DLitt in that University after the expiry of seven years from the date of his first graduation therein.
3. Any person who holds such office or offices in each of the said Universities as the *Senatus* may approve who is not already a graduate of the University in which he holds such post or appointment may offer himself for the Degree of Doctor of Letters in the University in which he holds office, after the expiry of four years' continuous tenure of one or more of these offices, posts or appointments, provided always that not less than seven years shall have elapsed from the date of his first graduation in any University.
4. A candidate for the Degree of DLitt shall present a published work or works accompanied by a signed declaration that he is the author thereof. The works submitted should normally be in English. The candidate must identify any work which has been, or is about to be, submitted for any other Higher Degree or Diploma in the University of Glasgow or for a Higher Degree or Diploma in another Institution: such work shall not be assessed for the award of the Degree of DLitt in the University of Glasgow.

Applicants in the Faculty of Education, before acceptance of their candidature, must provide the Clerk/Secretary of the Faculty with a list of the publications comprising the application for the degree. The Faculty Higher Degrees Committee will establish a sub-committee to determine whether a *prima facie* case for DLitt candidature has been established. The sub-committee may decline to proceed to examination of the candidate if, in its opinion, the publications submitted are not of sufficient substance for a DLitt application. In respect of this procedure a precognition fee will be charged to be deducted in due course from the submission fee if the candidate is examined.

Applicants in the Faculties of Arts and Law, Business & Social Sciences, before acceptance of their candidature for the degree, must give to the Clerk/Secretary of the Faculty a list of the publications comprising the application for the degree together with two copies of an adequate and informative 1000 word account of the works

submitted. The Faculty Higher Degrees Committee will establish a subcommittee to determine whether a *prima facie* case for DLitt candidature has been established. The sub-committee may decline to examine the candidate if, in its opinion, the account and the publications do not display evidence of sufficient originality and substance for a DLitt application. In respect of this procedure a precognition fee will be charged to be deducted in due course from the submission fee if the candidate is examined.

No person will be accepted as a candidate more than twice and no candidate may apply for re-examination until five years have elapsed from the original date of submission.

5. The *Senatus* shall appoint such Professors, Readers or Lecturers in the University as it may think suitable to examine the work or works submitted by a candidate for the Degree and the University Court shall, after consultation with the *Senatus Academicus*, appoint an additional examiner or examiners to act along with them. Such additional examiner or examiners shall be of recognised eminence in the subject of the work or works presented by the candidate. The candidate shall be awarded the Degree only if in the opinion of the *Senatus*, on the recommendation of these examiners, the body of work shall be held to constitute an original and substantial contribution to humane learning.
6. The fee to be paid for examination for the Degree shall be such sum as may from time to time be determined by the University Courts of the four Universities. Candidates for examination or graduation shall not be required to pay a registration fee.
7. The *Senatus* of each University shall have power to make such additional regulations governing the conferment of the Degree as may be approved by the University Court.
8. The Degree of DLitt shall not be conferred upon a person who has not satisfied the conditions hereinbefore set forth, provided always that the *Senatus* of any of the four Universities may, at its discretion, permit a candidate to offer himself for the Degree under the regulations previously in force during a period not exceeding five years from the date on which this Ordinance shall come into operation; and provided always that it shall be in the power of the *Senatus* of any of the four Universities to confer the Degree of DLitt *honoris causa* under such regulations as may be made by the *Senatus* with the approval of the University Court.

#### **Supplementary Regulation**

A candidate must submit two copies of each of the published works which he presents.

## **DOCTOR OF MEDICINE**

### **Resolution**

The Degree of Doctor of Medicine is governed by Resolution No. 562 of the University Court which came into effect on 1 September 2006 with provision that:

1. The Degree of Doctor of Medicine (MD) may be awarded by the University of Glasgow in the Faculty of Medicine.
2. The Senate may make Regulations, which are subject to the approval of the University Court, governing the award of the Degree, and in particular the presentation of the thesis upon which the award shall be based. These are set out in the section entitled 'Regulations' below.

### **Regulations**

1. To be admitted as a candidate for the Degree of Doctor of Medicine a person must normally be a graduate in Medicine and Surgery of at least four years' standing. In addition, the person must have been engaged since graduation for at least three years in either scientific work bearing directly on his or her profession, or in the practice of Medicine or Surgery.
2. A prospective candidate for the Degree of Doctor of Medicine shall submit in advance a brief account of the work on which the thesis will be based. The work must be carried out in the University of Glasgow or an Institution recognised for this purpose by the University Court, on the recommendation of the Senate. Before a candidate offers himself or herself for the Degree of Doctor of Medicine, the Faculty of Medicine shall normally require the prospective candidate to have undertaken a period of full-time registered study of no less than two years, or four years part-time, under the supervision of a member of staff in the Faculty or in the recognised Institution appointed for the purpose. Senate reserves the power, in exceptional cases, to reduce this period by one academic year.  
A candidate must submit the thesis for examination within four years of registering for full-time study or within six years of registering for part-time study.  
A candidate holding an appointment as a member of the teaching or research staff of the University of Glasgow, paid through the Finance Office or directly by a grant awarding body approved by the University Court, may register part-time whilst being subject to the same provisions regarding minimum periods of full-time study if he or she devotes the major part of the day, typically 75-80% of his or her time, to research studies.
3. A candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a thesis on any branch of knowledge comprised in or related to the curriculum for the Degrees of Bachelor of Medicine

and Bachelor of Surgery, and shall normally be required to present himself or herself for oral or other examination in the subject matter thereof. The thesis must be in English.

4. The Examiners for the Degree shall be drawn from the Professors, Readers and Lecturers in the Faculty of Medicine together with such other internal and additional Examiners as the Court shall appoint.
5. A thesis may be considered unacceptable if it does not conform to accepted national standards of clinical research, ethics or animal welfare. Where original research involves human subjects the candidate will be required to confirm that each study protocol was reviewed in advance and approved by an independent Ethics Review Committee and that appropriate informed consent was obtained. In the case of studies involving laboratory animals, the candidate is required to confirm that the animal care and welfare and the procedures performed are conducted under an appropriate Home Office Licence or other national regulations.
6. Two copies of each thesis are required. These may be soft-bound but otherwise should generally conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990) which is available for consultation in the University Library or from the Dean of the Faculty of Medicine, with whom theses should be lodged.
7. A thesis may be a dissertation written for the purpose, but the results of original observations already published in medical or scientific journals or in the transactions of learned societies or otherwise may be submitted in place of such a dissertation. Such published papers submitted in lieu of a dissertation must be related and accompanied by a statement, preferably in the form of an essay, showing the relationship between the various studies and placing the whole work critically into perspective with the general state of knowledge in the field of investigation to which the candidate's researches are related.
8. A thesis will not be approved unless it gives evidence of original observation and makes a significant new contribution to knowledge. It should include accurate references to the literature of its subject.
9. A declaration signed by the candidate that the work has been done and written up by himself or herself must be submitted with the thesis. Where material based on work undertaken in collaboration with others is included in the thesis or reprints, a separate statement clearly defining the extent of his or her personal contribution must also be submitted by the candidate. If any of the material contained in the thesis has been completed sometime before the date of submission, the candidate in his or her own interests should provide evidence of the originality of such work, for example, published papers. If any part of the subject matter of the thesis has been included in a thesis submitted or already approved for a Degree or Diploma in this or another University, the candidate must make a declaration to this effect and must lodge with his or her thesis a copy of such previously approved thesis and a full statement of the extent of any overlap.
10. An adequate and informative summary of not more than 1000 words should be bound in each copy of the thesis. One further unbound copy of the summary is also required.
11. If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.
12. In the case of a thesis not approved for the Degree of Doctor of Medicine, the Higher Degrees Committee, on the recommendation of the Examiners, may permit a candidate to re-submit the thesis on one occasion only and no later than one year from the date of the original submission.

## DOCTOR OF MUSIC

The Degree of Doctor of Music is awarded under Resolution 43 of the University Court, which came into effect on 22nd January, 1970. The following are the relevant provisions of that Resolution.

In pursuance of the powers conferred under Section 3 of the *Universities (Scotland) Act*, 1966, the University Court hereby resolves as follows:

1. The Degree of Doctor of Music (DMus) may be awarded by the University of Glasgow.
2. The following categories of persons may be admitted as candidates for the Degree of Doctor of Music:
  - (a) A graduate of the University of Glasgow after the expiry of seven years from the date of his first graduation in the University of Glasgow.
  - (b) Any person who has held for a period or periods amounting in all to at least four years such office or offices in the University of Glasgow as the *Senatus* may approve; provided either that he is a graduate of not less than seven years' standing of a University likewise approved or that he has held for not less than seven years some other qualification specially recognised by the *Senatus* as equivalent for this purpose.

3. The Degree shall be given in two Departments and candidates may present themselves in not more than one of these Departments at any one time. The Departments shall be those of:
  - (a) Musical Composition;
  - (b) Musicology.
4. Before acceptance of their candidature, applicants must provide the Clerk of the Faculty with a list of the publications comprising the application for the degree. The Faculty Higher Degrees Committee will establish a sub-committee to determine whether a *prima facie* case for DMus candidature has been established. The sub-committee may decline to proceed to examination of the candidate if, in its opinion, the publications submitted are not of sufficient substance for a DMus application. In respect of this procedure a precognition fee will be charged to be deducted in due course from the submission fee if the candidate is examined.
5. All candidates for the Degree shall submit work in Musical Composition or in Musicology.

6. **Composers.**

Work submitted in musical composition shall be accompanied by a declaration signed by the candidate that it has been composed by himself and identifying any work which has been, or is about to be submitted for any other Higher Degree or Diploma in the University of Glasgow or for a Higher Degree or Diploma in another Institution: such work shall not be assessed for the award of the Degree of DMus in the University of Glasgow.

If such work has not already been published in full, then, before being submitted, it shall have been published so far and in such manner as the *Senatus Academicus* accepts as reasonable in the circumstances.

No person will be accepted as a candidate more than twice and no candidate may apply for re-examination until five years have elapsed from the original date of submission.

7. **Musicologists.**

Work submitted in musicology shall be accompanied by a declaration signed by the candidate that he is the author of it and identifying any work which has been, or is about to be submitted for any other Higher Degree or Diploma in the University of Glasgow or for a Higher Degree or Diploma in another Institution: such work shall not be assessed for the award of the Degree of DMus in the University of Glasgow.

The work submitted, or a major part of it, shall have been published either as a book or books or in periodicals of recognised standing, and shall be presented in such manner as the *Senatus* may by regulation prescribe.

No person will be accepted as a candidate more than twice and no candidate may apply for re-examination until five years have elapsed from the original date of submission.

8. The *Senatus* shall appoint such Professors, Readers or Lecturers in the University as it may think suitable to examine the work or works submitted by a candidate for the Degree and the University Court, shall, after consultation with the *Senatus Academicus*, appoint an additional examiner or examiners to act along with them. Such additional examiner or examiners shall be of recognised eminence in the subject of the work or works presented by the candidate. The candidate shall be awarded the Degree only if in the opinion of the *Senatus*, on the recommendation of these examiners, the body of work shall be held to constitute an original and substantial contribution to music or to musical knowledge.
9. A candidate must submit two copies of the work. The work submitted should normally be in English. Both copies, if approved for the Degree, shall become the property of the University and shall be deposited in the University Library.
10. The *Senatus* shall have power to make such additional regulations governing the conferment of the Degree as may be approved by the University Court.
11. The Degree shall not be conferred upon a person who has not satisfied the conditions hereinbefore set forth, provided always that the *Senatus* may, at its discretion, permit a candidate to offer himself for the Degree under the regulations previously in force during a period not exceeding five years from the date on which this Resolution shall come into operation; and provided always that it shall be in the power of the *Senatus* to confer the Degree *honoris causa* under such regulations as may be made by the *Senatus* with the approval of the University Court.

## DOCTOR OF PHILOSOPHY

### Resolution

The Degree of Doctor of Philosophy is governed by Resolution No. 507 of the University Court which came into effect on 1 October 2004. The provisions of the Resolution are as follows:

1. The Degree of Doctor of Philosophy (PhD) may be awarded by the Senate of the University of Glasgow in each of the Faculties thereof;
2. The Senate shall have power to make such regulations governing the award of the Degree as may be approved by the University Court, and these shall be as stated in Schedules A to D below;
3. A candidate for the Degree may either undertake study or research in accordance with the provisions of Schedule A or, in the case of The Glasgow School of Art, Schedule C, or shall present either a published thesis or a

published memoir or work or other material in accordance with the provisions of Schedule B or, in the case of The Glasgow School of Art, Schedule D;

4. The Degree of Doctor of Philosophy whether by research or by published work shall in no case be conferred on persons who have not satisfied the conditions set out below, and shall not be conferred *honoris causa*;

#### **Schedule A: Degree of Doctor of Philosophy by Research**

The following regulations are supplemented by a series of Guidance Notes for students which are available with the 2007-08 on-line Calendar which can be found at <http://senate.gla.ac.uk/calendar/>

1. A research student who has pursued in the University of Glasgow, or in an institution recognised and approved for the purpose, a course of special study or research, may offer himself or herself for the Degree of Doctor of Philosophy under the following conditions:
  - (a) that he or she has obtained a degree in any Scottish university, or in another university or college specially recognised for the purpose of this Section by the University Court on the recommendation of the Senate (provided always that a diploma or certificate recognised in like manner as equivalent to a degree may be accepted in place of a degree);
  - (b) that he or she has produced to the Senate evidence of satisfactory progress in the special study or research undertaken by him or her;
  - (c) that he or she will have been registered for such study on a full-time basis for a period of not less than three academic years, or for such period of part-time study as shall be determined by regulation; provided always that the Senate shall have power, in exceptional cases, to reduce the period by one academic year, and to permit a research student during part of the period to pursue elsewhere his or her special study or research;
  - (d) that he or she has pursued such formal research training as set down by the Faculty concerned.
- 2.1 Each candidate for the Degree of Doctor of Philosophy shall present for the approval of the Senate a thesis which shall embody the results of the candidate's special study or research, and which shall be accompanied by a declaration signed by the candidate that the thesis has been composed by himself or herself.
- 2.2 A thesis for the degree of PhD shall normally be presented for examination within 4 years from the date when a student first registered for full-time study or 6 years from the date when a student first registered for part-time study. Where the student has registered for a combination of full-time and part-time study, or where the Faculty has approved suspension<sup>47</sup> of study for a period of time, the maximum period of study permitted shall be equivalent to the duration for full and part-time study plus the approved period of suspension adjusted proportionately.
- 2.3 Where the student has fulfilled the minimum period of full-time study, or the minimum period of part-time study required by the regulations, and has not submitted the thesis for examination, the student shall register as a writing-up student for the final session. If further supervision is required, the Faculty may require the student to register as a full-time or part-time student. Failure to meet Faculty requirements for progress without good cause, may result in exclusion from further study.
- 2.4 The thesis shall be examined by one or more examiners appointed by the Senate from among the experienced academic staff of the University, and by one or more External Examiners appointed by the University Court on the recommendation of the Senate. No person who has been involved in the direct supervision of the research student may be appointed as an examiner. The internal examiner shall not undertake any duties which have been allocated to the Convener (see 2.6 below and Guidance Note 3) and shall act as an examiner in the normal way. In the case of a submission by a member of staff or a former member of staff two of the examiners must be external. A thesis may be examined by two external examiners without the appointment of an Internal Examiner, with the approval of the Dean of Faculty.
- 2.5 A candidate for the Degree of PhD must present himself or herself for oral or other examination by the Committee of Examiners on the subject matter of the thesis and its context. This requirement for an oral examination shall be observed at the first submission of the thesis.
- 2.6 A Convener shall be appointed by the Convener of the Higher Degrees Committee or its equivalent committee to convene the oral examination and to report on the agreed recommendations of the Committee of Examiners to the appropriate Faculty Committee.  
The Convener will be responsible for the following:
  - a) making the arrangements for an oral examination and ensuring that this is normally held no later than 3 months after the submission of the thesis;
  - b) attending the whole examination and ensuring that it is conducted in a fair manner and is of a reasonable duration;
  - c) arranging for the report stating the recommendation of the Committee of Examiners to be signed at the conclusion of the examination;

<sup>47</sup> A Faculty Higher Degrees Committee may permit the period of study to be suspended for a defined period when a student is ill or has other personal circumstances which prevent the student from continuing the research. Suspension can be agreed by the Faculty Higher Degrees Committee for other reasons, such as student internships. The arrangements for suspension of study shall be in accordance with those of the Research Councils.

d) after the oral, co-ordinating the completion of a joint report detailing the requirements for revision or resubmission and providing this to the candidate;

e) recommending to the Higher Degrees Committee the appointment of a third examiner in instances where agreement has not been reached. The third examiner will normally be an External Examiner.

2.7 The supervisor shall not normally be present at the oral examination but shall be available to the Committee of Examiners for consultation. If the candidate makes a request in writing to the Convener for the supervisor to be present at the oral examination, this should normally be permitted. The request should be made no later than one week before the date of the oral.

2.8 Where a candidate has been permitted to resubmit a thesis for examination, an oral shall also be held other than in exceptional circumstances, where the Convener, on the recommendation of the Committee of Examiners, may seek the agreement of the Dean of the Faculty to set aside the requirement for an oral examination after resubmission. In such circumstances the agreement of the candidate must be obtained, otherwise the candidate shall have the right to insist on an oral being held.

2.9 Where a candidate has been permitted to resubmit the thesis, it shall normally be on one occasion only. The resubmitted thesis shall be examined by the Committee of Examiners appointed for the first submission or by the Committee of Examiners appointed for the second submission.

If the Committee of Examiners considers that the thesis has not achieved the standard required for the Degree of PhD but is of sufficient merit to be worthy of an award, it may recommend that the candidate revise the thesis and submit it for consideration for a Masters degree.

3. Particular conditions relating to study or research in the Faculties are set out below. A candidate must also comply with detailed requirements for research degrees published by the relevant Graduate School.

#### Arts

The normal standard of admission for a research student will be that of a Degree with First or Upper Second Class Honours but another qualification, being a qualification approved by the University Court as provided in Clause 1 above may be accepted by this Faculty as being suitable for the programme of study which it is proposed that the applicant should follow.

A research student may also pursue a course of special study or research on a part-time basis for a period of not less than five years of which a minimum total period of three months shall be spent in attendance at the University of Glasgow.

The thesis must normally be written and defended in English. Exceptionally, however, at the time of application the Faculty Higher Degrees Committee may approve arrangements whereby the thesis may be written and defended in a language other than English. Approval will normally be given only where the use of a language other than English is deemed appropriate by the relevant Department and the Higher Degrees Committee and where the Department and the Higher Degrees Committee are satisfied that appropriate arrangements can be made for supervision and examination.

The thesis shall be a minimum of 70,000 and a maximum of 100,000 words including references, bibliography and appendices in each case. A candidate who wishes to submit a thesis of greater or lesser length must seek prior permission of the Faculty Higher Degrees Committee. A research student must attend for supervision in the University throughout the period of study except when given permission to pursue research elsewhere.

Where a Department determines it to be appropriate, candidates may present a thesis accompanied by a related piece of creative work, for example, a play, a theatrical performance, a translation or computer software. In cases where a performance element is involved, candidates must provide a permanent record of the creative aspect of the overall submission to be deposited with the thesis in the University Library. In such cases, the Higher Degrees Committee shall, in consultation with the supervising Department, advise candidates on the minimum length of the thesis component. The Board of Examiners is required to attend a performance of the creative work.

In the Department of English Literature, candidates may present themselves for a PhD in a specific Creative Writing genre. Before being considered for admission to study for the award, candidates must normally satisfy the requirements of Regulation 1 above, and present sufficient evidence of potential in creative writing, through submission of a portfolio of creative and critical work. Registered candidates must satisfactorily complete, in the first two years, prescribed studies which shall include attendance at writing seminars and/or workshops. Each candidate's progress in the prescribed studies shall be assessed by means of set projects and/or a journal of studies maintained by the candidate. During the third year, under the supervision of a person appointed for the purpose by the Faculty, candidates shall prepare and present for the approval of the Senate, a thesis or portfolio of written work which shall make significant contribution to literature in the generic route chosen, normally containing material worthy of publication. The thesis shall be deemed to constitute a 'thesis which shall embody the results of the candidate's special study or research' as required under Regulation 2.1 of the Resolution. Following successful completion of the first two years of study, candidates will be eligible for the award of Master of Philosophy if they elect to end their studies at this stage.

In the Department of Music, candidates may present themselves in Musicology, Musical Composition or Music Technology. In Musical Composition the candidate shall present a portfolio of at least 2 hours composed music or work of equivalent creative depth or complexity, comprising at least 3 and no more than 9 pieces. The portfolio may comprise instrumental, vocal or electroacoustic works or any combination thereof. It

should include a written commentary of between 5,000 and 7,000 words on the works contained. The compositions and the commentary taken together shall be deemed to constitute a 'thesis which shall embody the results of the candidate's special study or research' as required under Regulation 2 of the Resolution. In Music Technology the candidate shall present a thesis of between 40,000 and 80,000 words and project (weighted together: 100%). The project may be presented as a portfolio exemplifying and illustrating the thesis. This might involve a software/hardware project with details of its design and specification, and a description of its implementation. A research project would outline the design of experiments and present documentation and interpretation of the results. The thesis and the project taken shall be deemed to constitute a 'thesis which shall embody the results of the candidate's special study or research' as required under Regulation 2 of the Resolution.

#### Education

The normal standard of admission for a research student will be that of a Degree with First or Upper Second Class Honours but another qualification, being a qualification approved by the University Court as provided in Clause 1 above may be accepted by this Faculty as being suitable for the programme of study which it is proposed that the applicant should follow.

A research student may also pursue a course of special study or research on a part-time basis for a period of not less than five years of which a minimum total period of three months shall be spent in attendance at the University of Glasgow. A research student must attend for supervision in the University throughout the period of study except when given permission to pursue research elsewhere.

The thesis must normally be written and defended in English. Exceptionally, however, at the time of application the Faculty Higher Degrees Committee may approve arrangements whereby the thesis may be written and defended in a language other than English. Approval will normally be given only where the use of a language other than English is deemed appropriate by the relevant Department and the Higher Degrees Committee and where the Department and the Higher Degrees Committee are satisfied that appropriate arrangements can be made for supervision and examination.

The thesis shall be a minimum of 70,000 and a maximum of 100,000 words including references, bibliography and appendices in each case. A candidate who wishes to submit a thesis of greater or lesser length must seek prior permission of the Faculty Higher Degrees Committee.

#### Engineering

A research student may also pursue a course of study or research on a part-time basis for a period of either not less than five years of part-time study or not less than four years, comprising three years of part-time study and one year of full-time study.

The period of study of research elsewhere permitted by Regulation 1 shall not normally exceed twelve months.

#### Law, Business & Social Sciences

The normal standard of admission for a research student will be that of a degree with first or upper second class honours or Master's degree of an approved institution or approved equivalent qualification.

Although the period of research elsewhere permitted by Regulation 1 might exceed twelve months, a full-time student must reside in Glasgow for a minimum total period of eighteen months; provided always that the Senate shall have power to vary this requirement on due cause shown.

A research student may also pursue a course of study or research on part-time basis for a period of not less than four years. A student will normally be required to have periods of attendance at the University each year which will include scheduled formal meetings between the student and supervisor. The periods of attendance may vary in length but in total the attendance should normally amount to no fewer than 130 days over the 4 year period.

Every student shall be entitled to a period of 1 year for writing up. At the end of that period if the student has failed to submit his/her thesis for examination, the supervisor shall have to submit to the Higher Degrees Committee a written case setting out why the student should be given a further year within which to submit. If, after the second year of writing up, the student has not submitted his/her thesis then studies will be terminated. The rules relate to the period of actual study so that periods of approved suspension will extend the duration of the studies.

A candidate's thesis should normally be between 70,000 and 100,000 words in length. Any candidate who wishes to submit a thesis of greater length must seek permission of the Higher Degrees Committee of the Faculty.

In addition to the requirement for satisfactory completion of a thesis, the candidate will be required to attend training courses as specified by the Faculty Higher Degrees Committee and also, where appropriate, by his or her supervisory department. Candidates may be exempted in full or part from this requirement, normally by virtue of training undertaken and recognised by the Faculty Higher Degrees Committee as meeting training requirements.

## Medicine

The normal standard of admission for a research student will be that of a First Class or Upper Second Class honours degree or equivalent in a relevant discipline from an institution recognised by the University Court. A relevant degree for which no honours classification exists is also acceptable.

A research student may also pursue a course of study or research on a part-time basis for a period of either not less than five years of part-time study or not less than four years, comprising three years of part-time study and one year of full-time study.

A candidate holding an appointment as a member of the teaching or research staff of the University of Glasgow, paid through the Finance Office or directly by a grant awarding body approved by the University Court, may register part-time whilst being subject to the same provisions regarding minimum periods of full-time study if he or she devotes the major part of the day, typically 75-80% of his or her time, to research studies.

The period of study of research elsewhere permitted by Regulation 1 shall not normally exceed twelve months.

In addition to the requirement for satisfactory completion of a thesis, a candidate will normally be required to attend training courses as specified by the Faculty Graduate School.

## Science

*(Faculties of Biomedical & Life Sciences, Information & Mathematical Sciences, Physical Sciences)*

The normal standard of admission for a research student will be that of a Degree with First or Second Class Honours of a Scottish University, or an approved equivalent qualification.

A research student may also pursue a course of study or research on a part-time basis for a period of either not less than five years of part-time study or not less than four years, comprising three years of part-time study and one year of full-time study.

The period of study or research elsewhere permitted by Regulation 1 shall not normally exceed twelve months, except where that study or research is undertaken in one of the institutions approved by the Faculties of Science Higher Degrees Committee specifically for the purpose of external research. The list of approved institutions is held by the Science Faculties Support Unit and by Research and Enterprise.

The candidate's thesis shall be an original work making a significant contribution to knowledge in, or understanding of, a field of study and should normally be expected to contain material worthy of publication. The material presented shall represent a reasonable output for three years full time involvement (or such time as the Faculties of Science shall determine) in the conduct of the research and preparation of the thesis. The thesis shall demonstrate that the candidate has adequate knowledge of the field of study and the relevant literature and shall show the exercise of critical judgement with regard to not only the candidate's work but also that of other persons in the same general field. The literary presentation shall be lucid and scholarly and there shall be a satisfactory abstract.

To be worthy of the award of a PhD, a candidate must have demonstrated to a Board of Examiners by the presentation of a thesis and by performance in an oral examination that he or she is capable of:

- (a) pursuing original research in his or her specific field of study, and
- (b) relating his or her results to the general body of knowledge in the field, and
- (c) presenting his or her results in a critical and scholarly manner.

In addition to the requirement for satisfactory completion of a thesis, the candidate will normally be required to attend training courses as specified by the Faculty Graduate School.

## Veterinary Medicine

The normal standard of admission for a research student will that of a Degree with first or second class honours of a Scottish University or approved equivalent qualification.

A research student may also pursue a course of study or research on a part-time basis for a period of either not less than five years of part-time study or not less than four years, comprising three years of part-time study and one year of full-time study.

The period of study of research elsewhere permitted by Regulation 1 shall not normally exceed twelve months.

4. *Teaching or Research Staff of the University or Recognised Institutions - Candidature for the Degree*

A member of the teaching staff of the University, or a person who holds an appointment as Research Assistant or Research Fellow of the University of Glasgow and is paid through the Finance Office or directly by a grant-aiding body approved by the University Court, or a member of the teaching or research staff of any other institution recognised for the purpose of Regulation 1, may notwithstanding offer himself or herself for the Degree of Doctor of Philosophy if he or she has prosecuted a course of special study or research on a part-time basis for a period of not less than three years.

5. *Recognition of Institutions for the Purposes of Study and Research*

Faculties and Graduate Schools may allow the candidate's study or research to be conducted in an institution external to the University of Glasgow. The choice of such an institution will be determined *ad hoc* and only where

there exists clear alignment of the candidate's proposed study or research with the aims and objectives of the institution proposed, and where the institution can demonstrate ability to provide an appropriate level of supervision of the candidate. A full-time member of staff of a recognised Institution may be nominated to Senate *either* as a supervisor *or* as an internal examiner although such an individual may not be nominated as an examiner if he or she has previously supervised the candidate's work. In cases where an employee of the institution acts as supervisor or internal examiner, a member of staff from an appropriate subject area in the University will also be appointed.

#### 6. *Submission of Thesis*

In submitting a thesis a candidate must state, generally in the preface and specifically in the notes, the sources from which his or her information is derived, the extent to which he or she has availed himself or herself of the work of others, and the portions of the thesis which he or she claims as original. The thesis must be in English.

A candidate must submit two copies of the thesis which must include a summary of 250 - 1000 words. The summary must be an adequate and informative abstract of the work, suitable for publication by the University. The submitted copies of the thesis may be soft-bound but otherwise should generally conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990) which is available for consultation in the University Library or from the Clerk to the appropriate Faculty.

In signing a submission form, the supervisor is confirming that the work was undertaken by the candidate. The wording of the form makes it clear that the supervisor's signature does not endorse that the work has been completed nor does it indicate that the thesis has achieved the required standard for the award of the degree. A candidate may submit a thesis against the advice of the supervisor but in such cases the supervisor may state the position in a report submitted to the Convener of the Committee of Examiners.

If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.

#### **Schedule B: Degree of Doctor of Philosophy by Published Work**

1. A person may be admitted as a candidate for the degree of Doctor of Philosophy by published work who:
  - (a) (i) is a graduate of the University of Glasgow and whose date of submission of his/her thesis is at least five years from the date of his/her first graduation in the University; or
  - (ii) is a member of staff who has normally been employed for the full-time equivalent of at least five years and is paid through the University Finance Office or directly by a grant aided body approved by the University Court; or
  - (iii) is a former member of staff who has completed the full-time equivalent of a minimum of five years employment and was paid through the University Finance Office or directly by a grant aided body approved by the University Court, and who presents him or herself as a candidate for the degree within one calendar year of leaving the University's employment.
- (b) has not been enrolled as a Research Student in the University of Glasgow during the five years preceding the date of submission although the Faculty Higher Degrees Committee (or equivalent) shall have the discretion to entertain applications from candidates who wish to transfer from the conventional PhD; and
- (c) does not hold any Doctoral Degree of the University of Glasgow or of any other University or College in the same subject area; and
- (d) has been found by the appropriate Faculty to possess *prima facie* a qualification for the Degree.
 

A Faculty Higher Degrees Committee (or equivalent) shall have the discretion to reduce the qualifying period to three years in the case of full-time members of academic staff in the employment of the University.
2. Subject to the provisions of Regulation 9 of Schedule B of this Resolution, candidates for the Degree of Doctor of Philosophy by published work shall present for the approval of Senate published work, which shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration signed by the candidate detailing the extent to which the research has been done and the work written by himself or herself.
3. Every prospective candidate for the degree shall submit to the appropriate Faculty two copies of the work to be examined together with copies of the following documentation each in triplicate: a curriculum vitae, and an explanatory essay of 2,000 - 5,000 words which justifies the intellectual significance of the submission. Should the submission comprise diverse publications, the explanatory essay should explain the relationship, if any, between the works submitted, including any developments which have occurred between one piece and another.

Material other than books must be bound in a volume in cloth with stiff boards. The layout and binding of the thesis should generally conform to the *Recommendation for the Presentation of Theses and Dissertations* published by the British Standards Institution (BS4821:1990), a summary of which is available in the University Library or may be obtained from the Clerk of the appropriate Faculty. The thesis must include a summary (500 - 1,000 words), which must be an adequate and informative abstract of the work. The summary should be bound with the thesis where possible; and three separate copies of the summary should also be provided.

4. The Dean of the appropriate Faculty shall nominate a member of staff to give advice to the candidate with regard to the preparation of his/her submission.
5. Preliminary assessment:- Only if it is in the opinion of the Faculty Higher Degrees Committee (or equivalent) and of any adviser(s) whom it may consult that the work described in the abstract, in the explanatory essay and the publications is of the standard expected for the degree of Doctor of Philosophy by supervised research, will the full application be accepted for consideration.
6. If a full application is permitted by the Faculty Higher Degrees Committee (or equivalent), a candidate must then submit two copies of the work to be examined; both copies, if approved for the Degree, shall become the property of the University.
7. All the materials submitted must normally be in English and must be published in terms of the following definition:  
A work is normally regarded as published only if it is traceable through ordinary catalogues, abstracts or citation notices, and copies are available to the general public. This will normally require the work to be publicly registered with an ISSN/ISBN number. Material which is unpublished or which has only a restricted circulation is not acceptable in whole or partial fulfilment of the requirements for this degree.  
Exceptionally, however, the Faculty Higher Degrees Committee (or equivalent) may approve the submission and defence of the work in a language other than English. Approval will normally be given only where the use of a language other than English is deemed appropriate by the relevant Department and the Higher Degrees Committee (or equivalent), and where the Department and Higher Degrees Committee (or equivalent) are satisfied that appropriate examination arrangements can be made.
8. Any work which is about to be included in a submission by the candidate for any other Higher Degree or Diploma either in the University of Glasgow or in any other institution, or which has already been included in a submission, whether successful or unsuccessful, for any other Higher Degree or Diploma in another institution is not admissible in whole or partial fulfilment of the requirements for the Degree of PhD by published work.
9. A candidate may submit work which has resulted from collaborative research and joint authored publications, provided the nature and extent of the candidate's contribution is specified in the accompanying explanatory essay. The candidate must seek confirmation of this from the co-authors or researchers and provide written evidence of such confirmation to the satisfaction of the Higher Degrees Committee (or equivalent).
10. A Higher Degrees Committee (or equivalent) may at its discretion disqualify any submission or part thereof. It is not a necessary requirement for this degree that the work submitted should be published within a defined period.
11. The thesis shall be examined by one or more examiners appointed by the Senate from among the experienced academic staff of the University, and by one or more External Examiners appointed by the University Court on the recommendation of the Senate. No person who has been involved in the direct supervision of the research student may be appointed as an examiner. The internal examiner shall not undertake any duties which have been allocated to the Convener (Guidance Note 3) and shall act as an examiner in the normal way. A thesis may be examined by two external examiners without the appointment of an Internal Examiner, with the approval of the Dean of Faculty. In the case of a submission by a member of staff or a former member of staff two of the examiners must be external.  
The Board of Examiners shall normally require that the candidate present himself or herself for oral or other examination on the subject matter of the work and other material submitted for examination. The reports of the examiners shall be submitted to the appropriate Faculty Higher Degrees Committee (or equivalent) who shall if it thinks fit make a recommendation thereon to the Senate. The candidate shall be approved for the Degree only if, in the opinion of the Faculty and the examiners, the submitted work constitutes an examination of a field of study which makes a significant and original contribution to existing knowledge and is of an equivalent standard to a thesis which embodies the results of three years full-time supervised research (or equivalent) and for which a candidate was awarded the degree of PhD.
12. An unsuccessful submission for the degree of PhD by published work will not become eligible for the award of a Master's Degree or Diploma, in lieu of the degree of PhD, and nor will the unsuccessful submission become eligible for resubmission in its present form on a future occasion.
13. No candidate may apply for re-examination for the degree of PhD by published work until the lapse of at least three years from the date of the intimation of the decision of the Higher Degrees Committee (or equivalent) regarding the previous submission. Such re-examination shall be regarded as a de novo application and not the resubmission of the initial application.

#### **Schedule C: Degree of Doctor of Philosophy by Research at Glasgow School of Art**

##### 1. Eligibility

Research students who have pursued in the Glasgow School of Art, a course of special study or research may offer themselves for the Degree of Doctor of Philosophy, under the following conditions, namely:

- (a) that normally they have obtained, as a minimum, an undergraduate Degree with First or Upper Second Class Honours in any Scottish University, or in another University or College specially recognised for the purpose of this Section by the University Court on the recommendation of the Senate (provided always that a diploma or certificate recognised in like manner as equivalent to a undergraduate or postgraduate Degree may be accepted in place of a Degree);
- (b) that they have produced to the Senate evidence of satisfactory progress in the special study or

- research undertaken by them;
- (c) that they have pursued such study on a full-time basis for a period of not less than three academic years, or for a period of part-time study of not less than five academic years; provided always that the Senate shall have power, in exceptional cases, to reduce the period by one academic year, and to permit a research student during part of the period to pursue elsewhere his or her special study or research;
- (d) The period of study or research elsewhere, permitted by Regulation 1(d), shall not normally exceed twelve months.

## 2. Supervision

The progress of each research student shall be overseen by a Supervision Committee appointed for that student. The Committee must meet with the research student regularly and at least once per annum. The membership of the Supervision Committee shall include the following:

- a Convener appointed by the Research Degrees Sub-Committee of the Research Committee of Glasgow School of Art;
- a Secretary who shall record the proceedings of the Committee;
- a Director of Studies who shall be the main Supervisor and normally a member of the academic staff of Glasgow School of Art;
- such second Supervisor(s) as may be appointed by the Research Degrees Sub-Committee of the Research Committee of Glasgow School of Art
- one additional Supervisor appointed by the Senate of the University of Glasgow from the staff of the University. The additional Supervisor shall not be required to possess subject expertise in Art, Design or Architecture.

The Supervision Committee shall be responsible to the Research Degrees Sub-Committee of the Research Committee of Glasgow School of Art to which it shall report annually. The Research Degrees Sub-Committee of the Research Committee shall be responsible to the Academic Council of Glasgow School of Art for the progress of all research students. The Academic Council shall be responsible to the University Senate through the Higher Degrees Committee of the Faculty of Arts.

Candidates must be available for regular supervision (i.e. at least 6 times per year) by a Director of Studies unless given permission otherwise by the Supervision Committee.

Candidates on a part-time basis must be available for regular supervision throughout their period of study unless given permission otherwise by the Research Degrees Sub-Committee of the Research Committee.

## 3. The Portfolio and the Thesis

All candidates for the Degree of Doctor of Philosophy shall present for the approval of the Senate either a portfolio or a written thesis which shall embody the results of the candidate's special study or research, and which shall be accompanied by a declaration signed by the candidate that the portfolio or thesis has been composed by herself or himself. Any written commentary, dissertation, supporting documentation or thesis must be written in English.

### 3.1 *Portfolio*

Within these regulations, the term portfolio shall be taken to mean a body of original work, comprising one or a number of items, in fine art, craft, design or architecture. The body of work may be presented in material or virtual reality. The work may take the form of objects, images, environments, architectural structures, performances, texts, virtual or conceptual works, software or designs for any of these, or any comparable form. The portfolio may include work of an interdisciplinary character when the predominant discipline is fine art, craft, design or architecture.

The body of original work shall be documented by photographic or other visual process together with any necessary textual material, including labels or notes of explanation written in English. The documentation must be in permanent form. The documentation shall be to a standard whereby a future researcher may recognise the new knowledge represented or embodied within the portfolio, as determined by the Examiners. The documentation shall include references, a bibliography and notes in which the candidate must state the sources from which his or her information is derived, the extent to which he or she has availed himself or herself of the work of others, and the portions of the portfolio and any accompanying written commentary or dissertation which he or she claims as original.

A candidate must submit a written summary of 250-1,000 words. The summary must be an adequate and informative abstract of the work suitable for publication by Glasgow School of Art. The documentation shall become the property of Glasgow School of Art and shall be lodged in the Library of Glasgow School of Art.

A research student may submit his or her portfolio within one of the following categories. An initial proposal of a category should be made by the student within his or her application for registration. A final proposal of category should be agreed by the student and the Supervision Committee and submitted to the Research Degrees Sub-Committee of the Research Committee for approval prior to the examination. Once the category of portfolio has been approved, the content of the portfolio and the arrangements for its exhibition shall be subject to the agreement of the Supervision Committee.

### 3.1.1 *Portfolio with Documentation*

A candidate may submit for examination a portfolio which in itself represents or embodies new knowledge and which is documented in accordance with the regulations above.

### 3.1.2 *Portfolio with Written Commentary*

A candidate may submit for examination a portfolio together with a commentary on its production, presentation or context, when such a commentary is necessary to understanding the new knowledge represented or embodied by the body of the work. A written commentary shall normally consist of 3,500- 5,000 words excluding references, bibliography and appendices. A candidate who wishes to submit a written commentary of lesser or greater length must seek the permission of her or his Supervision Committee.

### 3.1.3 *Joint Portfolio and Dissertation*

A candidate may submit for examination a portfolio together with an extended written text which, together but not necessarily separately, represent or embody new knowledge. A dissertation shall normally consist of 20,000 - 40,000 words excluding references, bibliography and appendices. A candidate who wishes to submit a Dissertation of lesser or greater length must seek the permission of his or her Supervision Committee.

## 3.2 *Thesis*

In the case of a research student wishing to submit for examination by thesis, whether or not the thesis will relate to a portfolio, the following conditions shall apply.

A candidate must submit a thesis which shall embody the results of the candidate's special study or research, and which shall be accompanied by a declaration signed by the candidate that the thesis has been composed by herself or himself.

The thesis shall be a minimum of 70,000 and a maximum of 100,000 words including references, bibliography and appendices in each case. A candidate who wishes to submit a thesis of greater or lesser length must seek prior permission of his or her Supervision Committee.

A candidate must also submit a written summary of 250-1,000 words. The summary must be an adequate and informative abstract of the work suitable for publication by Glasgow School of Art.

## 4. Examination

The portfolio or thesis shall be examined by a team of Examiners appointed by the Research Degrees Sub-Committee of the Research Committee of the Glasgow School of Art and approved by the Faculty of Arts Higher Degrees Committee and the Senate. The team of Examiners shall include at least one internal examiner appointed by the Senate and one external examiner appointed by the University Court on the recommendation of the Senate. In the case of a submission by a member of staff or a former member of staff two of the examiners must be external.

A candidate for the Degree of PhD must normally expect to be asked to present herself or himself for oral or other examination by the Examiners on the subject-matter of the portfolio or thesis.

A candidate must submit the portfolio or thesis for examination at the conclusion of the minimum period of full-time or part-time study. This period shall commence from the date of initial registration as a postgraduate student in the Glasgow School of Art. In the case of candidates who do not submit the portfolio or thesis at the conclusion of the minimum period of study, extension to the deadline may be granted in accordance with the following provisions:

- (i) the Research Degrees Sub-Committee of the Research Committee may, on consideration of a stated case from the candidate's Supervision Committee, approve an extension of one year full-time or two years part-time for full-time candidates, or two years part-time for part-time candidates;
- (ii) the Senate, in exceptional circumstances, may approve a further final extension of up to one year full-time or part-time.

A candidate who fails to meet the standard required for the award of the Degree of PhD may be permitted by the Examiners to present her/himself for re-examination on one occasion only and normally not later than three years from the date of her/first submission. In each case the examiners shall prescribe whether the candidate will be required to represent in the whole of the examination or in a specific component.

Alternatively, if the Examiners consider that the submission has not achieved the standard required for the award of the Degree of PhD, but is of sufficient merit, they may recommend the candidate revise and resubmit the work for consideration for either the Degree of MLitt or MPhil as appropriate.

A candidate must provide a permanent record of her/his final portfolio or thesis submission to be deposited, along with any written commentary, dissertation or supporting documentation, in the Library of the Glasgow School of Art. In the case of portfolio submission, the permanent record may take the form of photographic or other visual processes, including non-erasable CD-ROM.

### **Schedule D: Degree of Doctor of Philosophy by Published Work at Glasgow School of Art**

1. A person may be admitted as a candidate for the degree of Doctor of Philosophy by published work who:

- (a) (i) is a graduate of The Glasgow School of Art and whose date of submission of his/her thesis is at least five years from the date of his/her first graduation in the GSA; or
  - (ii) is a member of staff who has normally been employed for the full-time equivalent of at least five years and is paid through The Glasgow School of Art Finance Office or directly by a grant aided body approved by the Research Committee; or
  - (iii) is a former member of staff who has completed the full-time equivalent of a minimum of five years employment and was paid through The Glasgow School of Art Finance Office or directly by a grant aided body approved by the Research Committee, and who presents him or herself as a candidate for the degree within one calendar year of leaving The Glasgow School of Art's employment.
- (b) has not been enrolled as a Research Student in The Glasgow School of Art during the five years preceding the date of submission although the Research Degrees Sub Committee shall have the discretion to entertain applications from candidates who wish to transfer from the conventional PhD; and
- (c) does not hold any Doctoral Degree of The Glasgow School of Art or of any other University or College in the same subject area; and
- (d) has been found by the appropriate School to possess *prima facie* a qualification for the Degree.

The Research Sub Degrees Committee shall have the discretion to reduce the qualifying period to three years in the case of full-time members of academic staff in the employment of the University.

2. Subject to the provisions of Regulation 9 of Schedule D of this Resolution, candidates for the Degree of Doctor of Philosophy by published work shall present for the approval of Academic Council published work, which shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration signed by the candidate detailing the extent to which the research has been done and the work written by himself or herself.
3. Every prospective candidate for the degree shall submit to the relevant School Research Sub Committee School two copies of the work to be examined together with copies of the following documentation each in triplicate: a curriculum vitae, and an critical overview of 2,000 - 5,000 words which justifies the intellectual significance of the submission. Should the submission comprise diverse publications, the critical overview should explain the relationship, between the works submitted, including any developments which have occurred between one piece and another.
4. The Head of the appropriate School shall nominate a member of staff to give advice to the candidate with regard to the preparation of his/her submission.
5. Preliminary assessment: Only if it is in the opinion of the School Research Sub Committee and of any adviser(s) whom it may consult that the work described in the abstract, in the explanatory essay and the publications is of the standard expected for the degree of Doctor of Philosophy by supervised research, will the full application be accepted for consideration.
6. If a full application is permitted by the Research Degrees Sub Committee, a candidate must then submit two copies of the work to be examined; both copies, if approved for the Degree, shall become the property of The Glasgow School of Art.
7. All materials submitted may include the following:
 

Art / artefacts, exhibited or otherwise presented within the public domain; design of exhibitions or events; editorships and curation; public commissions; media presentations including performance, installations and catwalk presentations; mass production; patents and registered designs; new devices including software; reports; other non-textual research output; authored books; authored chapters in books; authored articles in journals and papers and posters.

Written work is normally regarded as published only if it is traceable through ordinary catalogues, abstracts or citation notices and copies available to the general public. This will normally require the works to be publicly registered with an ISSN/ISBN number. Material which is unpublished or which has only a restricted circulation is not acceptable in whole or partial fulfillment of the requirements of this degree. Written submissions must be in English, however, the Research Degrees Sub Committee may approve the submission and defense of the work in a language other than English. Approval will normally be given only where the use of a language other than English is deemed appropriate by the appropriate School Research Sub Committee, and where the School Research Sub Committee is satisfied that appropriate examination arrangements can be made.
8. Any work which is about to be included in a submission by the candidate for any other Higher Degree or Diploma either in The Glasgow School of Art or in any other institution, or which has already been included in a submission, whether successful or unsuccessful, for any other Higher Degree or Diploma in another institution is not admissible in whole or partial fulfillment of the requirements for the Degree of PhD by published work.
9. A candidate may submit work which has resulted from collaborative research and joint authored publications, provided the nature and extent of the candidate's contribution is specified in the accompanying explanatory essay. The candidate must seek confirmation of this from the co-authors or researchers and provide written evidence of such confirmation to the satisfaction of the Research Degrees Sub Committee.
10. The School Research Sub Committee may at its discretion disqualify any submission or part thereof. It is not a necessary requirement for this degree that the work submitted should be published within a defined period.

11. The thesis shall be examined by one or more examiners appointed by the Research Degrees Sub Committee from among the academic and appropriate qualified staff and by one or more external examiners appointed by the Academic Council on the recommendation of the Research Degrees Sub Committee. In the case of a submission by a member of staff or a former member of staff two of the examiners must be external.

The Board of Examiners shall normally require that the candidate present himself or herself for oral or other examination on the subject matter of the work and other material submitted for examination. The reports of the examiners shall be submitted to the appropriate School Research Sub Committee who shall if it thinks fit make a recommendation thereon to the Research Degrees Sub Committee. The candidate shall be approved for the Degree only if, in the opinion of the appropriate School and the examiners, the submitted work constitutes an examination of a field of study which makes a significant and original contribution to existing knowledge and is of an equivalent standard to a thesis which embodies the results of three years full-time supervised research (or equivalent) and for which a candidate was awarded the degree of PhD.

12. An unsuccessful submission for the degree of PhD by published work will not become eligible for the award of a Master's Degree or Diploma, in lieu of the degree of PhD, and nor will the unsuccessful submission become eligible for resubmission in its present form on a future occasion.
13. No candidate may apply for re-examination for the degree of PhD by published work until the lapse of at least three years from the date of the intimation of the decision of the Research Degrees Sub Committee regarding the previous submission. Such re-examination shall be regarded as a *de novo* application and not the resubmission of the initial application.

## DOCTOR OF SCIENCE

### Resolution

The Degree of Doctor of Science is awarded under Resolution No. 378 of the University Court, which came into force on 24th June, 1993. The following are the relevant provisions of that Resolution.

1. The Degree of Doctor of Science (DSc) may be awarded by the University of Glasgow.
2. The following categories of persons may, after being found by the Faculties of Science Higher Degrees Committee to possess *prima facie* a qualification for the degree, be admitted as candidates for the Degree of Doctor of Science:
  - (a) A graduate of the University of Glasgow after the expiry of seven years from the date of his or her first graduation in the University of Glasgow.
  - (b) Any person who has held for a period or periods totalling at least four years such office or offices in the University of Glasgow as the University Court, on the recommendation of the *Senatus*, may approve; provided either that he or she is a graduate of not less than seven years' standing of a University likewise approved or that he or she has held for not less than seven years some other qualification specially recognised by the University Court, on the recommendation of the *Senatus*, as equivalent for this purpose.
  - (c) Any person who has carried out research work, in terms of the Ordinance or Resolution for the time being in force for the regulation of research, for at least five years in the University of Glasgow (or in a College affiliated thereto); provided always that he or she is a graduate of not less than seven years' standing of a University approved by the University Court, on the recommendation of the *Senatus*.
3. All candidates for the Degree of Doctor of Science shall present a thesis or a published memoir or work, which shall be a record of original research in relation to science undertaken by the candidate, and shall be accompanied by a declaration signed by him or her that the work has been done and the thesis composed by himself or herself. In the case of collaboration the candidate's individual contribution must be clearly defined. The thesis, or a major part of it, shall have been published either as a book or in periodicals of recognised standing, and shall be presented in such manner as the *Senatus* may by regulation prescribe.
4. The thesis shall be examined by one or more examiners appointed by the *Senatus* from among the Professors, Readers and Lecturers in the University, and by one or more additional examiners appointed by the University Court on the recommendation of the *Senatus*. The reports of the examiners shall be submitted independently to the Faculty of Science, who shall if they think fit make a recommendation thereon to the *Senatus*. The candidate shall be approved for the Degree only if, in the opinion of the Faculties of Science and of the examiners, the thesis constitutes an original, substantial and authoritative contribution to scientific knowledge.
5. The *Senatus* shall have power to make such regulations governing the conferment of the Degree as may be approved by the University Court.
6. The Degree of Doctor of Science shall not be conferred upon a person who has not satisfied the conditions hereinbefore set forth; provided always that the *Senatus* may, at its discretion, permit a candidate to offer himself or herself for the Degree under the regulations previously in force during a period not exceeding five years from the date on which this Resolution shall have come into operation; and provided always that it shall be in the power of the *Senatus* to confer the Degree *honoris causa* under such regulations as may be made by the Senate with the approval of the University Court.

### Regulations

1. For the purpose of Section II of the Resolution, every prospective candidate for the Degree shall submit to the Faculties of Science a summary of his or her proposed thesis, together with a list of the publications that are to be included in the thesis. The summary should be no longer than one thousand words. Only if it is the opinion of the Faculties Higher Degrees Committee and of any adviser whom it may consult that:
  - (a) the work described properly falls into the area of science; and
  - (b) it is likely to be of the required standard
 will the candidate be considered to possess *prima facie* the necessary qualification.
2. Each qualified candidate must submit two copies of his or her thesis: both copies, if approved for the Degree, shall become the property of the University.
3. In addition to making the declaration required under Section III of the Resolution, the candidate must identify any material in the DSc submission which has been, or is about to be, included in a submission by the candidate for any other Higher Degree or Diploma in the University of Glasgow or for a Higher Degree or Diploma in another Institution; and he or she must lodge, together with his or her DSc submission, either a copy of such other submission (if available) or a precise statement of its scope. Material which has been included in a successful submission for another Higher Degree or Diploma will not be taken into account in assessing a submission for the Degree of DSc of the University of Glasgow.
4. Before acceptance for adjudication, a thesis, or an important part of it, shall have been published either as a book or in periodicals of recognised standing. The thesis may be presented in the form of a single memoir or writing containing a connected account of the candidate's research or work. Published papers under various headings may be submitted in lieu of a single thesis provided that they are accompanied by a statement showing the relationship between the various studies and placing the whole work critically into perspective with the general state of knowledge in the field of investigation to which the candidate's researches are related.
5. Material other than books must be bound in a volume in cloth with stiff boards. The layout and binding of the thesis should generally conform to the *Recommendations for the presentation of theses and dissertations* published by the British Standards Institution (BS4821:1990) which is available for consultation in the University Library or may be obtained from the Clerk to the Faculties of Science. The thesis must include a summary (500-1,000 words), which must be an adequate and informative abstract of the work. The summary should be bound with the thesis where possible; and three separate copies of the summary should also be provided.
6. If approved for the degree, an electronic copy of the thesis, this conforming to specifications published at <http://theses.gla.ac.uk>, shall also be deposited with the University Library. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.
7. No candidate may apply for re-examination for the Degree of DSc until the elapse of at least three years from the date of the previous submission.

### DOCTOR OF SCIENCE IN ENGINEERING

The Degree of Doctor of Science in Engineering is awarded under Ordinance 462 (Glasgow No. 128), which came into force in September, 1964. The following are the relevant provisions of that Ordinance.

1. The Degree of Doctor of Science in Engineering (DSc(Eng)) may be awarded by the University of Glasgow.
2. The following categories of persons may be admitted as candidates for the Degree of Doctor of Science in Engineering:
  - (a) A graduate of the University of Glasgow after the expiry of seven years from the date of his first graduation in the University of Glasgow.
  - (b) Any person who has held for a period or periods totalling at least four years such office or offices in the University of Glasgow as the University Court, on the recommendation of the *Senatus*, may approve; provided either that he is a graduate of not less than seven years' standing of a University likewise approved or that he has held for not less than seven years some other qualification specially recognised by the University Court, on the recommendation of the *Senatus*, as equivalent for this purpose.
  - (c) Any person who has carried out research work, in terms of the Ordinance for the time being in force for the regulation of research, for at least five years in the University of Glasgow (or in a College affiliated thereto); provided always that he is a graduate of not less than seven years' standing of a University approved by the University Court, on the recommendation of the *Senatus*.
3. All candidates for the Degree of Doctor of Science in Engineering shall present a thesis or a published memoir of work, which shall be a record of original work in relation to engineering science undertaken by the candidate and shall be accompanied by a declaration signed by him that the work has been done and the thesis composed by himself. In the case of collaboration the candidate's individual contribution must be clearly defined. The thesis, or a major part of it, shall have been published either as a book or in periodicals of recognised standing, and shall be presented in such manner as the *Senatus* may by regulation prescribe.

4. The thesis shall be examined by one or more examiners appointed by the *Senatus* from among the Professors, Readers and Lecturers in the University, and by one or more additional examiners appointed by the University Court on the recommendation of the *Senatus*. The reports of the Examiners shall be submitted independently to the Faculty of Engineering, who shall if they think fit make a recommendation thereon to the *Senatus*. The candidate shall be approved for the Degree only if, in the opinion of the Faculty of Engineering and of the examiners, the thesis constitutes an original and substantial contribution to engineering science.
5. The *Senatus* shall have power to make such regulations governing the award of the Degree as may be approved by the University Court.
6. The Degree of Doctor of Science in Engineering shall not be conferred upon a person who has not satisfied the conditions hereinbefore set forth; provided always that the *Senatus* may, at its discretion, permit a candidate to offer himself for the Degree under the regulations previously in force during a period not exceeding five years from the date on which this Ordinance shall have come into operation.

#### **DSc (Eng) - Regulations**

1. Candidates who have been awarded a Certificate of Proficiency in the subjects of an Honours Group will be regarded as having 'passed the Examination in an Honours Group' for the purpose of proceeding to the Degree of DSc.
2. Before acceptance of candidature for the degree, applicants must supply to the Clerk to the Faculty of Engineering, two copies of an adequate and informative abstract of the work around 1000 words along with a list of the publications that will support the thesis. The Faculty of Engineering may decline to proceed to examine the candidate if the summary and list of supporting publications does not in its opinion, show evidence of sufficient originality.
3. Each candidate must submit two copies of his or her thesis. If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.
4. In addition to making the declaration required under Section III of the Ordinance a candidate must, if the whole or any part of the subject-matter of the thesis submitted by him or her has been included in a thesis already approved for a degree in this or another University, make a declaration to that effect, and must lodge together with his or her thesis either a copy of such previously approved thesis or a precise statement of its scope.
5. Before acceptance for adjudication, a thesis, or an important part of it, shall have been published either as a book or in periodicals of recognised standing. The thesis may be presented in the form of a single memoir or writing containing a connected account of the candidate's research or work. Published papers under various headings may be submitted in lieu of a single thesis provided that they are accompanied by a statement showing the relationship between the various studies and placing the whole work critically into perspective with the general state of knowledge in the field of investigation to which the candidate's researches are related. The thesis should also be accompanied by two copies of a separate summary (500-1,000 words) which must be an adequate and informative abstract of the work, suitable for publication by the University.

### **DOCTOR OF SCIENCE IN MEDICINE**

#### **Resolution**

The Degree of Doctor of Science in Medicine (DSc in Medicine) will be governed by Resolution of the University Court with provision that:

1. The Degree of Doctor of Science in Medicine may be awarded by the University of Glasgow
2. The following categories of persons may, after being found by the Faculty of Medicine to possess *prima facie* a qualification for the degree, be admitted as candidates for the Degree of Doctor of Science in Medicine:
  - (a) A graduate of the University of Glasgow after the expiry of seven years from the date of his or her first graduation in the University of Glasgow.
  - (b) Any person who has held for a period or periods totalling at least four years such office or offices in the University of Glasgow as the University Court, on the recommendation of the *Senatus*, may approve; provided either that he or she is a graduate of not less than seven years' standing of a University likewise approved or that he or she has held for not less than seven years some other qualification specially recognised by the University Court, on the recommendation of the *Senatus*, as equivalent for this purpose.
  - (c) Any person who has carried out research work, in terms of the Ordinance or Resolution for the time being in force for the regulation of research, for at least five years in the University of Glasgow (or in a College affiliated thereto); provided always that he or she is a graduate of not less than seven years' standing of a University approved by the University Court, on the recommendation of the *Senatus*.

3. All candidates for the Degree of Doctor of Science in Medicine shall present a thesis or a published memoir or work, which shall be a record of original research in relation to science undertaken by the candidate, and shall be accompanied by a declaration signed by him or her that the work has been done and the thesis composed by himself or herself. In the case of collaboration the candidate's individual contribution must be clearly defined. The thesis, or a major part of it, shall have been published either as a book or in periodicals of recognised standing, and shall be presented in such manner as the *Senatus* may by regulation prescribe.
4. The thesis shall be examined by one or more examiners appointed by the *Senatus* from among the Professors, Readers and Lecturers in the University, and by one or more additional examiners appointed by the University Court on the recommendation of the *Senatus*. The reports of the examiners shall be submitted independently to the Faculty of Medicine, who shall if they think fit make a recommendation thereon to the *Senatus*. The candidate shall be approved for the Degree only if, in the opinion of the Faculty of Medicine and of the examiners, the thesis constitutes an original, substantial and authoritative contribution to scientific knowledge.
5. The *Senatus* shall have power to make such regulations governing the award of the Degree as may be approved by the University Court.
6. The Degree of Doctor of Science in Medicine shall not be conferred upon a person who has not satisfied the conditions hereinbefore set forth; provided always that it shall be in the power of the *Senatus* to confer the Degree *honoris causa* under such regulations as may be made by the *Senatus* with the approval of the University Court.

### Regulations

1. For the purpose of Section 2 of the Resolution, every prospective candidate for the Degree shall submit to the Faculty of Medicine a summary of his or her proposed thesis, together with a list of the publications that are to be included in the thesis. The summary should be no longer than one thousand words. Only if it is the opinion of the Faculty and of any adviser whom it may consult that:
  - (a) the work described properly falls into the area of medical science; and
  - (b) it is likely to be of the required standard will the candidate be considered to possess *prima facie* the necessary qualification.
2. Each qualified candidate must submit two copies of his or her thesis: both copies, if approved for the Degree, shall become the property of the University.
3. In addition to making the declaration required under Section 3 of the Resolution, the candidate must identify any material in the DSc submission which has been, or is about to be, included in a submission by the candidate for any other Higher Degree or Diploma in the University of Glasgow or for a Higher Degree or Diploma in another Institution; and he or she must lodge, together with his or her DSc submission, either a copy of such other submission (if available) or a precise statement of its scope. Material which has been included in a successful submission for another Higher Degree or Diploma will not be taken into account in assessing a submission for the Degree of DSc in Medicine of the University of Glasgow.
4. Before acceptance for adjudication, a thesis, or an important part of it, shall have been published either as a book or in periodicals of recognised standing. The thesis may be presented in the form of a single memoir or writing containing a connected account of the candidate's research or work. Published papers under various headings may be submitted in lieu of a single thesis provided that they are accompanied by a statement showing the relationship between the various studies and placing the whole work critically into perspective with the general state of knowledge in the field of investigation to which the candidate's researches are related.
5. Material other than books must be bound in a volume in cloth with stiff boards. The layout and binding of the thesis should generally conform to the *Recommendations for the presentation of theses and dissertations* published by the British Standards Institution (BS4821:1990) which is available for consultation in the University Library or may be obtained from the Clerk to the Faculty of Medicine. The thesis must include a summary (500-1,000 words), which must be an adequate and informative abstract of the work. The summary should be bound with the thesis where possible; and three separate copies of the summary should also be provided.
6. If approved for the degree, an electronic copy of the thesis, this conforming to specifications published at <http://theses.gla.ac.uk>, shall also be deposited with the University Library. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.
7. No candidate may apply for re-examination for the Degree of DSc in Medicine until the elapse of at least three years from the date of the previous submission.

## DOCTOR OF VETERINARY MEDICINE AND DOCTOR OF VETERINARY SURGERY

### Resolution

The Degrees of Doctor of Veterinary Medicine (DVM) and Doctor of Veterinary Surgery (DVS) will be governed by Resolutions of the University Court with provision that:

- 1 The Degrees of Doctor of Veterinary Medicine (DVM) and Doctor of Veterinary Surgery (DVS) may be awarded by the University of Glasgow.
- 2 (a) A candidate for the Degree of Doctor of Veterinary Medicine, or for the Degree of Doctor of Veterinary Surgery, shall be a Bachelor of Veterinary Medicine and Surgery of the University, or a member of the staff of the Veterinary School and Hospital being a registered veterinary surgeon and holding such qualification as the University Court, on the recommendation of the *Senatus*, may recognise for the purpose, and shall have been engaged for at least four years either in scientific work bearing directly on his profession or in the practice of veterinary medicine or veterinary surgery respectively.
- (b) A candidate for the Degree of Doctor of Veterinary Medicine, or for the Degree of Doctor of Veterinary Surgery, may be required to pass an examination in such a department or departments of veterinary science or practice as the *Senatus* may prescribe.
- (c) A candidate for the Degree of Doctor of Veterinary Medicine, or for the Degree of Doctor of Veterinary Surgery, shall submit for the approval of the Faculty of Veterinary Medicine a thesis on any branch of knowledge comprised in or related to the curriculum for the Degree of Bachelor of Veterinary Medicine and Surgery, and may be required to present himself for oral or other examination in the subject-matter thereof; provided that a candidate for the Degree of Doctor of Veterinary Medicine shall not submit a thesis on a subject which is exclusively surgical and that a candidate for the Degree of Doctor of Veterinary Surgery shall not submit a thesis on a subject which is exclusively medical.
- (d) The thesis shall be presented in accordance with the following regulations.

### Regulations

The following extracts from the University regulations cover the principal points affecting the award of the degree:

1. Two copies of each thesis are required. Theses must be typewritten and may be soft-bound but otherwise conform to the British Standard Institution's *Recommendations for the presentation of theses* (BS4821:1990). The title of the thesis and the name of the author must be printed in block letters on the outside binding. Theses should be lodged with the Clerk of the Faculty of Veterinary Medicine.  
Two copies of a separate summary (500-1,000 words) giving a reasoned and informative abstract of the work must be submitted with the thesis.
2. A thesis will not be approved unless it gives evidence of original observation and makes a significant new contribution to knowledge. If the thesis deals with the researches of others, it must give a full statement of the literature of its subject with accurate references and critical investigation and an assessment of the views or facts cited; mere compilations will in no case be accepted. The thesis will not normally be acceptable if it contains material from or is merely a continuation of subject matter of a thesis already approved for another degree.
3. A thesis must be a dissertation written for the purpose. The results of original observation already published in veterinary or scientific journals or in the transactions of learned societies or otherwise may be accepted in place of such a dissertation. Published papers submitted in lieu of a dissertation must be related and accompanied by a statement, preferably in the form of an introductory paper, showing the relationship between the various studies and placing the whole work critically into perspective with the general state of knowledge in the field of investigation to which the candidate's researches are related.
4. A declaration signed by the candidate that the work has been done and the thesis composed by himself or herself must be submitted with the thesis. Where material based on work undertaken in collaboration with others is included in the thesis a separate statement clearly defining the extent of his or her personal contribution must also be submitted by the candidate. If the whole or any part of the subject matter of the thesis has been included in a thesis already approved for a degree in this or another University, the candidate must make a declaration to this effect and must lodge with his or her thesis a copy of such previously approved thesis or a precise statement of its scope.
5. (a) The examiners for the Degree shall be drawn from the Professors, Readers and Lecturers in the University, together with such additional Examiners as the Court shall appoint, on the recommendation of the Senate.  
(b) A thesis of exceptional merit approved for the Degree may be deemed worthy of 'Honours'.
6. If approved for the degree, one hard-bound copy of the thesis and one electronic copy shall be deposited with the University Library. The bound copy should normally be produced to the standard defined in BS4821:1990, and the electronic copy must conform to University Library specifications published at <http://theses.gla.ac.uk>. It is the University's normal practice to make the bound copy available for consultation in the Library, and to permit computer download of the electronic copy through its repository service, Enlighten. Such access may, however, be restricted under provisions of the Freedom of Information (Scotland) Act 2002 or the Environmental Information (Scotland) Regulations 2004.
7. In the case of a thesis not approved for the Degree, the Higher Degrees Committee, on the recommendation of the Examiner, may permit a candidate to resubmit the thesis on one occasion only, and no later than one year from the date of the original submission.

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